

DOMINION OF CANADA

REPORTS, RETURNS AND STATISTICS

OF THE

**WEIGHTS AND MEASURES, ELECTRICITY AND GAS
INSPECTION SERVICES**

OF THE

DEPARTMENT OF TRADE AND COMMERCE

FOR THE

FISCAL YEAR ENDING MARCH 31,

1920

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OTTAWA

THOMAS MULVEY

PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

1920

REPORT

OF THE

Inspection of Weights and Measures, Electricity and Gas

To the Right Honourable

The Minister of Trade and Commerce.

SIR,—I have the honour to submit the annual report on the Inspection of Weights and Measures, Electricity and Gas; also statements in connection therewith for the fiscal year ended March 31, 1920.

F. C. T. O'HARA,
Deputy Minister.

DEPARTMENT OF TRADE AND COMMERCE,

OTTAWA, May 4, 1920.

Mr. E. O. Way, Chief Inspector of Weights and Measures, reports as follows:—

The Revenue and statistics for the fiscal year ending March 31, 1920, show a considerable increase in the activities of the Weights and Measures Inspection Service for the past year.

The number of weights, measures and machines inspection has increased by 39,408 over the preceding year, and the revenue shows an increase of \$12,975.63.

This service, by virtue of the itinerary nature of its inspection work, has suffered severely under the ever increasing cost of travelling and living. As a consequence, expenses have mounted alarmingly in the past four years, whilst the revenue cannot increase in proportion, since the Inspection fees are fixed by Order in Council.

The following table shows the relation between revenue, expenditure and articles inspected for the past five years:—

	Revenue.	Expenditure.	Articles Inspected.
1915-16.....	\$112,204 11	\$187,113 58	309,237
1916-17.....	131,625 60	188,086 60	386,318
1917-18.....	141,389 40	211,060 39	389,985
1918-19.....	136,497 80	229,885 89	388,338
1919-20.....	149,473 43	272,515 36	427,746

In this period the number of articles inspected show an increase of 118,509, or 38.3%. The revenue collected, which throughout the period is based upon the same statutory fees, shows an increase of \$37,269.32, or 33.2%—whilst expenses have increased by \$91,401.78, or 48.8%, which is made up as follows:—

Increased salaries.....	\$34,587 11
Bonus.....	45,663 54
Increased expenses.....	11,151 13
	<hr/>
	\$91,401 78

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That there should be an increase of only \$11,151.13 in the actual working expenses of the service, with the extraordinary rise in prices during the past five years, speaks well for the economic efforts of all the officers concerned.

Salaries also—in spite of the above increase, are still quite moderate.

The total on account of salaries is \$180,501.15—including \$45-663.54 bonus. The average salary then (there being 134 officers) is only \$1,006.25—whereas the Classification establishes a minimum of \$1,200. The excess of expenditure over revenue for the past year, however, has reached the large sum of \$123,041.93, and an Order in Council has been secured raising inspection fees as from April 1, 1920, with a view to reducing this large deficit and making the service more nearly self-sustaining. A general financial statement showing the revenue and expenditure by divisions will be found in Appendix A.

The following table gives a summary of the machines, etc., inspected during the year, of which detailed statements will be found in Appendices B and C:—

SUMMARY.

	Submitted.	Verified.	Rejected.	Percentage of Rejections.
Weights, Dom.....	60,803	60,091	712	1.17
“ metric.....	1,762	1,762	.....	.....
Measures of capacity, Dom.....	112,123	112,010	113	0.1
“ “ metric.....	122	122	.....	.....
“ length, Dom.....	10,255	10,219	36	0.3
Milk cans.....	75,572	75,520	52	0.06
Babcock glass ware (Pipettes).....	44,386	43,761	625	1.4
Measuring pumps.....	9,559	9,277	282	2.9
Weighing machines.....	112,604	107,502	5,102	4.0
“ “ metric.....	560	543	17	3.0
	427,746	420,807	6,939	

Under the Milk Test Act, 44,386 pieces of Babcock glassware, used in butter fat and other dairy tests, have been verified and stamped in the Weights and Measures Standards Branch, producing a revenue of \$2,188.35, showing an increase of \$615.25 over last year.

During the year 209 seizures and 18 prosecutions have been made. Most of the seizures cover old machines that can be more cheaply replaced than repaired.

Only serious cases, such as the use of false machines, are prosecuted. Convictions were secured in all eighteen cases except one, and fines to the amount of \$320 inflicted. The latter amount appears small, but conviction also includes costs and the confiscation (in most cases) of the scale or machine involved, which to-day is not a small item.

SHORT WEIGHT.

Wherever an inspector goes he now exercises, as part of his official duties, supervision for the elimination of short weight and measure. Package goods are checked over, such as bags of flour, butter prints, packages of tea and such like. All over Canada the attendance of the Weights and Measures inspector at the public markets in the interest of this work has rendered considerable aid to the Dairy Department of Agriculture in the elimination of short-weight butter. Beneficial enquiry has also been extended to the milling industry and the bagging of flour. Considerable difficulty is experienced and much discretion must be exercised in this short weight inspection work because of the natural factor of shrinkage and evaporation. A 98-pound bag of flour has been known

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to shrink 5 pounds before it reaches the consumer—but since 93 pounds of dry flour will produce the same amount of dough, bread or pastry as 98 pounds of moist flour, there is no loss to the consumer. Attention has therefore been specially directed to see that full weight is bagged at the mills.

THE METRIC SYSTEM.

The fact that the World Trade Club of San Francisco, U.S.A., has made an immense distribution throughout Canada of metric literature and resolution cards, calling upon the Government to enact legislation making the Metric System compulsory, calls for special comment.

The Resolution Cards have been coming in since January last, and to date only 359 have been received. Of these, only 91 come from manufacturers and industries of any nature, the balance of 268 being signed by doctors, dentists, lawyers, teachers and ministers.

Science naturally espouses the Metric System, the full use of which it now enjoys, but it is upon commerce and production that the burden and consequences of the change will fall.

Realizing the truth of this, as I mentioned in my report last year, a special English Committee appointed 1918 to examine into English trade policy, reported emphatically against the compulsory use of the Metric System. And as against the advocacy of doctors and dentists we have a resolution from the Canadian Manufacturers' Association strongly protesting against any such change.

The reason for the manufacturers, the practical men's protest, is found in the absolute lack of relation between existing English sizes and their metric equivalents, and the confusion this must cause amongst the thousands of interchangeable parts in modern machinery, etc. Following are a few comparisons by way of illustration:—

1 inch = 25.41 mm.	1 cm. = .3937 inches.
$1\frac{1}{8}$ " = 28.575 "	1 dm. = 3.937 "
$1\frac{1}{4}$ " = 31.75 "	1 Metre = 39.37 "
1 ft. " = 30.48 c.m.	
1 yard = 91.44 cm.	

A lot 25×100 ft. = 2,500 square feet, becomes 7.62×30.48 metres = 232.2576 square metres.

In the matter of screw threads, a 1-inch bolt, 8 threads to the inch, pitch $\frac{1}{8}$ inch, becomes a 25.4 mm. bolt—8 threads per 25.4 mm. with pitch 3.17 mm.

Metric standardization would eventually replace such odd sizes—but what has to be remembered is, there are millions of English bolts, screws and nuts in use to-day that will not disappear for a great many years.

Again—

1 quart = 1.1365 litres.	1 litre = 0.88 quarts.
1 gallon = 4.5459 "	
1 bushel = 36.368 "	

A change from the bushel to the metric system will destroy all present cereal standards and prices, e.g.:—

1 bushel wheat = 60 pounds.
1 " oats = 34 lbs.

The practiced farmer can to-day grade his grain at a glance to within a pound per bushel. How long will it take him to learn the new language of measurement and compute in kilograms per hectolitre, not to mention the change in money valuation that must also ensue.

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These illustrate but a few practical difficulties as opposed to the laudable but theoretical ideal of international uniformity. And if history affords any lesson it is that the introduction of the Metric System will intensify confusion in weights and measures instead of eliminating the so-called English chaos.

In no country that has "adopted" the Metric System is its use complete, and this is astonishingly shown in France, the mother of the Metric System, for in 1906 the French Minister of Commerce and Industry wrote to the French Chambers of Commerce—

"My department at different times has been called upon to give to the Department of Weights and Measures instructions for accomplishing the *total suppression* of the measures and weights prohibited by the old law of July 4, 1837, by the seizure of the prohibited articles. The department in spite of all such efforts has *not succeeded* in attaining the desired result. The situation appears to be due to the persistence with which certain trades continue to use the prohibited weights and measures."

If this is the situation in France, and we know it is the same in other metric countries—for in the South American Republics, the Spanish and English weights and measures are all used along with the metric, in spite of compulsory laws—there is every reason to believe that the situation will be no better, but much worse in the British Empire, because of its intensive industrial development in which the English weights and measures are more permanently embedded than were the old French units in France at the time of the French Revolution.

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APPENDIX A.

STATEMENT of Weights and Measures, Expenditures and Revenues for the Fiscal Year ending March 31, 1920.

Districts.	Inspectors.	Expenditures.					Totals.	Revenues.
		Salaries.	Special Assist- ance.	Rent.	Travel- ling expenses	Sun- dries.		
<i>Ontario—</i>		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Belville.....	F. D. Diamond	4,599 72	13 50	536 00	1,792 87	207 86	7,149 95	4,247 2
Hamilton.....	J. C. Sealey....	6,999 72	1,783 21	.....	3,121 60	200 76	12,105 29	12,312 5
Kingston.....	Thos. Gallagher	3,316 51	200 00	.....	1,272 47	69 57	4,858 55	3,126 35
London.....	A. A. Luton....	7,299 72	214 97	.....	3,368 90	208 40	11,091 99	10,884 30
Ottawa.....	E. H. Hinchey..	14,116 06	.....	.....	4,819 51	503 91	19,439 48	13,079 15
Toronto.....	J. J. McConvey.	9,524 46	.....	.....	2,729 32	121 51	12,375 29	15,725 55
	Totals.....	45,856 19	2,211 68	536 00	17,104 67	1,312 01	67,020 55	59,375 15
<i>Quebec—</i>								
Montreal.....	A. A. Bernard..	14,299 32	1,666 54	2,000 00	3,448 70	486 60	21,901 16	14,090 30
Quebec.....	C. E. Roy.....	8,173 21	1,665 18	400 00	3,509 86	167 78	13,916 03	6,234 80
Sherbrooke....	O. C. Delorme..	3,599 88	1,109 18	500 00	2,218 87	253 89	7,681 82	5,171 10
Three Rivers...	J. A. Desilers...	4,233 14	799 92	.....	2,908 75	184 39	8,126 20	4,351 45
	Totals.....	30,305 55	5,240 82	2,900 00	12,086 18	1,092 66	51,625 21	29,847 65
<i>New Brunswick—</i>								
St. John, N.B...	J. Barry.....	5,349 96	.....	.....	628 41	153 58	6,131 95	2,345 25
<i>Nova Scotia—</i>								
Halifax.....	Wm. O'Brien...	2,299 92	1,054 96	.....	1,223 20	114 55	4,692 63	1,677 35
Pictou.....	W. M. Dunstan.	3,399 84	44 00	.....	873 53	88 50	4,405 87	1,736 50
	Totals.....	5,699 76	1,098 96	.....	2,096 73	203 05	9,098 50	3,413 85
<i>Prince Edward Island—</i>								
Charlottetown..	Ed. Davy.....	2,399 88	60 00	.....	328 13	26 57	2,814 58	758 55
<i>Manitoba—</i>								
Winnipeg.....	R. McKay.....	11,199 72	.....	1,299 96	6,778 34	222 08	19,500 10	15,557 15
<i>Alberta—</i>								
Calgary.....	Geo. D. Fyfe...	5,999 76	.....	.....	3,623 45	217 50	9,840 71	6,070 90
Edmonton.....	J. C. McDougall	2,699 88	978 46	525 00	3,462 78	170 92	7,837 04	5,977 60
	Totals.....	8,699 64	978 46	525 00	7,086 23	388 42	17,677 75	12,048 50
<i>Saskatchewan—</i>								
Regina.....	D. J. McLean...	9,399 48	.....	.....	6,731 01	322 64	16,453 13	10,664 75
Saskatoon.....	C. W. Johnston.	7,399 68	120 00	300 00	6,016 27	157 69	13,993 64	9,171 35
	Totals.....	16,799 16	120 00	300 00	12,747 28	480 33	30,446 77	19,836 10
<i>British Columbia—</i>								
Nelson.....	Thos. Parker...	2,149 92	.....	180 00	2,034 85	131 98	4,496 75	1,498 55
Vancouver.....	A. H. Dutton...	1,399 92	847 92	.....	549 52	508 16	3,305 52	2,604 00
	Totals.....	3,549 84	847 92	180 00	2,584 37	640 14	7,802 27	4,102 55
Chief Inspector....	E. O. Way.....	.....	.....	.....	.....	157 59	157 59	.....
Ft. William Insp.	J. G. Whyte....	499 92	.....	.....	81 79	.....	581 71	.....
Elevator Scales.	A. A. Bowen....	656 22	.....	.....	213 77	0 30	870 29	.....
Montreal Insp. of Elevator Scales.	.....	1,156 14	.....	.....	295 56	157 89	1,609 59	.....
Totals for districts	.....	131,015 84	10,557 84	5,740 96	61,735 90	4,676 73	213,727 27	147,284 75
Laboratory Tests.....	.....	.....	.....	.....	.....	.....	.....	2,188 35
Casual Revenue.....	.....	.....	.....	.....	.....	.....	.....	5 13
General Contingencies.....	.....	.....	.....	.....	.....	1,963 64	1,963 64	.....
Printing.....	.....	.....	.....	.....	.....	6,483 29	6,483 29	.....
Stationery.....	.....	.....	.....	.....	.....	855 85	855 85	.....
Provisional Allowance.....	.....	.....	.....	.....	.....	3,821 77	3,821 77	.....
International Bureau of Weights and Measures—	.....	.....	.....	.....	.....	.....	.....	.....
Cost of Living Bonus.....	.....	.....	.....	.....	.....	45,663 54	45,663 54	149,478 23
Less Refund of W. & M. Fees	.....	.....	.....	.....	.....	.....	.....	4 80
Grand Totals.....	131,015 84	10,557 84	5,740 96	61,735 90	63,464 82	272,515 36	149,473 43

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APPENDIX B.

RETURN showing the Number of Weights and Weighing Machines Verified in each Inspection Division during the Fiscal year ended March 31, 1920.

Provinces.	Weighing Machines.												Weights.								
	Equal Arm.	Steelyard.	Platform Scales.			Spring Scales.			Computing Scales.		Automatic Scales.		Suspension Scales.	Combined Avdp. and Metric.	Metric.	Avoir du poids.	Troy.	Metric.	Tolerated.	Tobacco.	
			Ordinary.	Pitless.	Dial.	Track.	Trade.	Ice and Dairy.	Automatic Slot.	Spring.	All others.	Grain Elevator.									All others.
Belleville.....	426	34	1,758	13	9	7	11	161	.....	57	698	.....	103	.....	98	1,953	.....	.....	.....	.....
Hamilton.....	1,506	2,890	9,655	.....	25	12	3	31	33	27	741	1	1	.....	60	6,208	.....	.....	.....	.....
Kingston.....	248	11	1,600	3	.....	1	2	.....	.....	168	246	.....	1	.....	.....	1,163	.....	.....	.....	.....
London.....	439	66	2,659	76	383	20	2	159	6	321	4,757	.....	.....	25	3	218	2,273	.....	.....	.....
Ottawa.....	1,032	26	9,684	.....	15	20	31	11	42	455	690	3	.....	5	.....	6	5,521	.....	.....	92
Toronto.....	704	511	3,764	.....	.....	4	96	6	135	2,415	2,075	1	.....	1	.....	.....	3,556	60	91	.....
Ontario.....	4,355	3,538	29,120	92	432	64	145	368	216	3,443	9,207	5	105	32	63	322	20,674	60	709	.....
Montreal.....	1,619	509	5,435	29	52	36	82	106	293	304	1,364	50	64	9	.....	51	8,641	92	904	1
Quebec.....	1,229	211	3,066	.....	.....	9	70	.....	3	56	468	18	.....	.....	.....	.....	7,066	.....	.....	47
Sherbrooke.....	578	282	3,270	135	.....	14	10	.....	84	3	340	2	.....	9	.....	18	4,748	.....	87	.....
Three-Rivers.....	473	68	2,154	12	45	12	42	.....	1	76	153	.....	.....	.....	.....	.....	2,487	.....	.....	.....
Quebec.....	3,899	1,070	13,925	176	97	71	204	106	381	439	2,325	70	64	18	.....	69	22,942	92	991	48
St. John, N.B.....	343	55	924	.....	8	12	63	.....	.....	21	393	.....	.....	.....	.....	.....	1,484	.....	.....	.....
Halifax.....	185	12	610	.....	.....	7	44	.....	3	34	360	6	.....	.....	.....	1	948	.....	.....	1
Pictou.....	199	16	732	1	1	23	12	.....	2	36	357	.....	.....	13	.....	.....	1,480	.....	.....	.....
Nova Scotia.....	384	28	1,342	1	1	30	56	.....	5	70	717	6	.....	13	.....	1	2,428	.....	.....	1
Charlottetown, P.E.I..	116	16	487	1	.....	3	9	.....	.....	61	43	.....	.....	1	.....	.....	482	.....	.....	.....
Winnipeg, Man.....	640	343	4,422	71	18	27	116	12	22	1,692	816	27	6	1	.....	61	3,823	.....	53	.....

APPENDIX B.—Continued.

RETURN showing the Number of Weights and Weighing Machines Rejected in each Inspection Division, during the Fiscal year ended March 31, 1920.

Provinces.	Weighing Machines.													Weights.								
	Equal Arms.	Steelyard.	Platform Scales.				Spring Scales.			Computing Scales.		Automatic Scales.			Suspension Scales.	Combined Avdp. and Metric.	Metric.	Avoir du poids.	Troy.	Metric.	Tolerated.	Tobacco.
			Ordinary.	Pitless.	Dial.	Track.	Trade.	Ice and Dairy.	Automat- tic Slot.	Spring.	All others.	Grain Elevator.	All others.									
Belleville.....	1	19	79	4	16	3	9	1	6	1	161	3	2	108	12	108						
Hamilton.....	64	19	575	17	16	1	9	1	161	1	161	3	2	11	12	11						
Kingston.....	1	8	38	1	11	1	1	4	43	4	43	1	1	3	3	3						
London.....	6	1	194	2	11	1	1	4	43	4	43	1	1	52	3	52						
Ottawa.....	11	1	197	5	18	8	18	40	39	40	39	4	4	174	12	174						
Toronto.....	13	12	273	26	5	7	26	23	59	23	59	4	2	66	363	66						
Ontario.....	96	40	1,356	28	50	16	54	68	309	68	309	7	2	16	16	16						
Montreal.....	24	38	460	11	17	8	26	28	90	28	90	1	1	445	445	445						
Quebec.....	37	7	77	3	3	7	5	48	11	48	11	1	1	6	6	6						
Sherbrooke.....	6	6	42	19	2	2	2	1	7	1	7	3	3	16	16	16						
Three-Rivers.....	5	6	51	4	4	3	2	2	3	2	3	1	1	6	6	6						
Quebec.....	66	57	630	23	26	20	33	79	111	79	111	1	1	445	445	445						
St. John, N.B.....			36	1	1			1	1	1	1											
Halifax.....			20																			
Pictou.....			10	1	1	4	1	1	1	1	1											
Nova Scotia.....			30	1	1	4	1	1	1	1	1											
Charlottetown, P.E.I.....	3		13					2	2	2	2											
Winnipeg, Man.....	23	3	349	13	8	7	11	229	74	229	74	2	1	8	8	8						

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Regina.....	9	5	218	37	4	2	14	31
Saskatoon.....	2	5	161	6	3	1	20	6
Saskatchewan.....	11	10	379	43	3	4	2	1	34	37
Calgary.....	4	9	181	12	1	3	2	.....	.....	29	52	1	.....	.....	.....	.....	.....	.....	.....
Edmonton.....	6	7	170	24	.....	3	.....	.....	.....	20	21	4	.....	.....	.....	.....	.....	.....	.....
Alberta.....	10	16	351	36	1	6	2	.....	.....	49	73	5	.....	.....	.....	.....	.....	.....	.....
Nelson.....	1	.....	3	.....	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Vancouver.....	.....	.....	41	1	1	13	5	.....	.....	6	7	.....	.....	.....	.....	.....	.....	.....	.....
British Columbia..	1	.....	44	1	1	16	5	.....	.....	6	8	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	210	126	3,188	134	57	112	56	14	99	469	616	8	9	4	.....	17	694	12	6

APPENDIX B.—Concluded.

RETURN showing the number of Weights and Weighing Machines Submitted in each Inspection Division, during the Fiscal Year ended March, 31, 1920.

Provinces.	Weighing Machines.												Weights.								
	Equal Arms.	Platform Scales.				Spring Scales.			Computing Scales.		Automatic Scales.		Suspension Scales.	Combined Avdp. and Metric.	Metric.	Avoir du poids.	Troy.	Metric.	Tolerated.	Tobacco.	
		Steelyard.	Ordinary.	Pitless.	Dial.	Track.	Trade.	Ice and Dairy.	Automatic Slot.	Spring.	All others.	Grain Elevator.									All others.
Belleville.....	427	34	1,837	13	13	7	11	164	.....	57	704	.....	103	98	2,061	.....	277	.....	.....	.....
Hamilton.....	1,570	2,909	10,230	.....	42	28	7	32	42	28	902	1	4	.....	60	6,219	12	.....	.....	.....
Kingston.....	249	11	1,638	4	.....	1	2	.....	.....	168	247	.....	1	.....	3	1,163	.....	.....	.....	.....
London.....	445	74	2,853	87	385	31	2	159	7	325	4,800	.....	.....	218	3	2,276	.....	335	.....	.....
Ottawa.....	1,043	27	9,881	.....	20	38	36	19	60	495	729	3	.....	6	.....	5,573	.....	6	.....	92
Toronto.....	717	523	4,037	.....	.....	9	103	6	161	2,438	2,134	1	4	.....	1	3,556	60	91	.....	.....
Ontario.....	4,451	3,578	30,476	104	460	114	161	380	270	3,511	9,516	5	112	322	63	20,848	72	709	.....	92
Montréal.....	1,643	547	5,895	33	63	53	90	108	319	332	1,454	51	65	51	.....	8,707	92	901	1	32
Québec.....	1,266	218	3,143	.....	.....	12	77	.....	8	104	479	18	.....	.....	.....	7,429	.....	.....	53	.....
Sherbrooke.....	578	288	3,312	154	.....	16	12	.....	84	4	347	2	.....	18	.....	4,748	.....	87	.....	.....
Three-Rivers.....	478	74	2,205	12	45	16	45	.....	3	78	156	.....	.....	.....	.....	2,503	.....	.....	.....	.....
Québec.....	3,965	1,127	14,555	199	108	97	224	108	414	518	2,436	71	65	69	.....	23,387	92	991	54	32
St. John, N.B.....	343	55	960	.....	8	13	63	.....	.....	22	394	.....	.....	.....	.....	1,484	.....	.....	.....	.....
Halifax.....	185	12	630	.....	.....	7	44	.....	3	34	360	6	.....	.....	.....	948	.....	.....	1	.....
Pictou.....	199	16	742	1	1	24	16	.....	2	37	358	.....	.....	.....	.....	1,480	.....	.....	.....	.....
Nova Scotia.....	384	28	1,372	1	1	31	60	.....	5	71	718	6	.....	.....	.....	428	.....	.....	1	.....
Charlottetown, P.E.I..	119	16	500	1	3	9	63	45	1	482	
Winnipeg, Man.....	663	346	4,771	90	31	35	123	12	33	1,921	890	29	6	61	3,831	53	

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APPENDIX C.

RETURN showing the Number of Measures of Capacity, Lineal Measures and Miscellaneous Verified, in each Inspection Division, during the Fiscal Year ended March 31, 1920.

Inspection Division.	Measures of Capacity.				Measuring Devices.			Lineal Measures.		Miscellaneous.				
	Dominion.	Glass.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Meters.	Dominion.	Metric.	Measure-graphs.	Salt Carts.	Miners' Attachment.	Tipple Scales.	Moisture Test Scales.
Belleville.....	1,538	.....	.....	.....	317	3	.....	56	.....	.....	.....	.....	.....	.....
Hamilton.....	22,682	.....	.....	.....	471	2	.....	161	.....	.....	.....	.....	.....	15
Kingston.....	2,854	.....	.....	.....	248	.....	.....	144	.....	.....	.....	.....	.....	.....
London.....	20,941	.....	.....	11,147	346	.....	.....	5,463	.....	.....	.....	.....	.....	.....
Ottawa.....	1,086	.....	.....	2,765	332	.....	.....	375	.....	.....	.....	.....	.....	.....
Toronto.....	20,316	.....	.....	39,108	3,051	.....	.....	.....	.....	357	.....	.....	.....	.....
Ontario.....	69,417	.....	.....	53,020	4,765	5	.....	6,199	.....	357	.....	.....	.....	15
Montreal.....	23,063	.....	3	8,118	703	3	.....	694	.....	2	.....	.....	.....	.....
Quebec.....	6,976	.....	.....	.....	402	.....	.....	1,436	.....	1	.....	.....	.....	.....
Sherbrooke.....	1,258	.....	.....	.....	223	1	9	134	.....	.....	.....	.....	.....	.....
Three Rivers.....	1,303	.....	.....	.....	167	1	.....	232	.....	.....	.....	.....	.....	.....
Quebec.....	32,600	.....	3	8,118	1,495	5	9	2,496	.....	3	.....	.....	.....	.....
St. John, N.B.....	2,514	.....	.....	2,945	266	.....	.....	5	.....	.....	.....	.....	.....	.....
Halifax.....	673	.....	.....	.....	152	17	.....	2	.....	.....	48	.....	.....	.....
Pictou.....	806	.....	.....	.....	283	.....	.....	49	.....	.....	.....	16	.....	.....
Nova Scotia.....	1,479	.....	.....	.....	435	17	.....	51	.....	.....	48	16	.....	.....
Charlottetown, P.E.I.....	74	.....	.....	.....	77	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg, Man.....	5,321	.....	.....	11,352	741	1	.....	590	.....	123	.....	.....	.....	.....
Regina.....	463	.....	.....	.....	602	.....	.....	207	.....	.....	.....	2	.....	.....
Saskatoon.....	56	.....	.....	.....	78	.....	.....	41	.....	.....	.....	.....	.....	.....
Saskatchewan.....	519	.....	.....	.....	680	.....	.....	248	.....	.....	.....	2	.....	.....
Calgary.....	46	.....	.....	.....	338	1	.....	.....	.....	.....	.....	15	.....	.....
Edmonton.....	3	.....	.....	85	338	1	.....	.....	.....	.....	.....	2	14	.....
Alberta.....	49	.....	.....	85	676	2	.....	.....	.....	.....	.....	17	14	.....
Nelson.....	28	.....	.....	.....	71	.....	.....	33	.....	.....	.....	3	.....	.....
Vancouver.....	9	.....	119	.....	71	1	.....	.....	.....	114	.....	6	.....	.....
British Columbia.....	37	119	142	1	33	114	9
Totals.....	112,010	122	75,520	9,277	31	9	9,622	597	48	44	14	15

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APPENDIX C.—Continued.

RETURN showing the Number of Measures of Capacity, Lineal Measures and Miscellaneous, Rejected, in each Inspection Division, during the Fiscal Year ending March 31, 1920.

Inspection Division.	Measures of Capacity.				Measuring Devices.			Lineal Measures.		Measure- eous.	
	Dominion.	Glass.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Meters.	Dominion.	Metric.	Miners' Attachment.	Tipple Scales.
Belleville.....					3			1			
Hamilton.....	11				36			19			
Kingston.....					1						
London.....	1				28						
Ottawa.....	3			52	14			8			
Toronto.....					7						
Ontario.....	15			52	89			28			
Montreal.....					48						
Quebec.....	2				2			5			
Sherbrooke.....					11						
Three Rivers.....					1			3			
Quebec.....	2				62			8			
St. John, N.B.....					5						
Halifax.....	21										
Pictou.....											
Nova Scotia.....	21										
Charlottetown, P.E.I.....	5				3						
Winnipeg, Man.....					35						
Regina.....	3				33						
Saskatoon.....					4						
Saskatchewan.....	3				37						
Calgary.....	18				22					4	
Edmonton.....					24						3
Alberta.....	18				46					4	3
Nelson.....										1	
Vancouver.....					5						
British Columbia.....					5					1	
Totals.....	64			52	282			36		5	3

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APPENDIX C.—Concluded.

RETURN showing the Number of Measures of Capacity, Lineal Measures and Miscellaneous, Submitted, in each Inspection Division, during the Fiscal Year ended March 31, 1920.

Inspection Division.	Measures of Capacity.				Measuring Devices.			Lineal Measures.		Miscellaneous.				
	Dominion.	Glass.	Metric.	Milk Cans.	Pumps.	Measuring Tanks.	Meters.	Dominion.	Metric.	Measure-graphs.	Salt Carts.	Miners' Attachment.	Tipple Scales.	Moisture Test Scales.
Belleville.....	1,538	.....	.....	.....	320	3	.....	57	.....	.....	.....	.....	.....	.....
Hamilton.....	22,693	.....	.....	.....	507	2	.....	180	.....	.....	.....	.....	.....	15
Kingston.....	2,854	.....	.....	.....	249	.....	.....	144	.....	.....	.....	.....	.....	.....
London.....	20,942	.....	.....	11,147	374	.....	.....	5,463	.....	.....	.....	.....	.....	.....
Ottawa.....	1,089	.....	.....	2,817	346	.....	.....	383	.....	.....	.....	.....	.....	.....
Toronto.....	20,316	.....	.....	39,108	3,058	.....	.....	.....	.....	357	.....	.....	.....	.....
Ontario.....	69,432	.....	.....	53,072	4,854	5	.....	6,227	.....	357	.....	.....	.....	15
Montreal.....	23,063	.....	.....	38,118	751	3	.....	694	.....	2	.....	.....	.....	.....
Quebec.....	6,978	.....	.....	.....	404	.....	.....	1,441	.....	1	.....	.....	.....	.....
Sherbrooke.....	1,258	.....	.....	.....	234	1	9	134	.....	.....	.....	.....	.....	.....
Three Rivers.....	1,303	.....	.....	.....	168	1	.....	235	.....	.....	.....	.....	.....	.....
Quebec.....	32,602	.....	.....	38,118	1,557	5	9	2,504	.....	3	.....	.....	.....	.....
St. John, N.B.....	2,514	.....	.....	2,915	271	.....	.....	5	.....	.....	.....	.....	.....	.....
Halifax.....	694	.....	.....	.....	152	17	.....	2	.....	.....	48	.....	.....	.....
Pictou.....	806	.....	.....	.....	283	.....	.....	49	.....	.....	.....	16	.....	.....
Nova Scotia.....	1,500	.....	.....	.....	435	17	.....	51	.....	.....	48	16	.....	.....
Charlottetown, P.E.I.....	79	.....	.....	.....	80	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg, Man.....	5,321	.....	.....	11,352	776	1	.....	590	.....	123	.....	.....	.....	.....
Regina.....	466	.....	.....	.....	635	.....	.....	207	.....	.....	.....	2	.....	.....
Saskatoon.....	56	.....	.....	.....	82	.....	.....	41	.....	.....	.....	.....	.....	.....
Saskatchewan.....	522	.....	.....	.....	717	.....	.....	248	.....	.....	.....	2	.....	.....
Calgary.....	64	.....	.....	.....	360	1	.....	.....	.....	.....	.....	19	.....	.....
Edmonton.....	3	.....	.....	85	362	1	.....	.....	.....	.....	.....	2	17	.....
Alberta.....	67	.....	.....	85	722	2	.....	.....	.....	.....	.....	21	17	.....
Nelson.....	28	.....	.....	.....	71	.....	.....	33	.....	.....	.....	4	.....	.....
Vancouver.....	9	.....	119	.....	76	1	.....	.....	.....	114	.....	6	.....	.....
British Columbia.....	37	119	147	1	33	114	10
Totals.....	112,074	122	75,572	9,559	31	9	9,658	597	48	49	17	15

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ELECTRICITY AND GAS INSPECTION.

Mr. O. Higman, Director of Electricity and Gas Inspection services, reports as follows:—

The inspection work of these services continues to expand. The number of electric meters verified during the fiscal year was 182,214 and gas meters 83,954, making a total of 266,168. This indicates an increase of over 50,000 meters for the year. Add to this the number of tests made in the standardizing laboratories at Ottawa, Winnipeg and Vancouver and the total will reach approximately 500,000 tests. Some difficulty has been experienced in maintaining the inspection staff up to a condition adequate to meet the increase in the amount of work, due largely to the fact that better salaries are being paid by the electric lighting and power Companies.

REVENUE AND EXPENDITURE.

<i>Revenue—</i>	
Electricity inspection.....	\$ 115,931 95
Gas inspection	61,694 55
Total	<u>\$ 177,626 50</u>
<i>Expenditure—</i>	
Electricity inspection.....	\$ 95,192 95
Gas inspection	46,534 82
Total	<u>\$ 141,727 77</u>

This shows an apparent surplus of \$35,898.73, but if the cost of the technical staff at Ottawa is deducted therefrom it will largely disappear.

The completion of the work of equipment of the Winnipeg electrical standardizing laboratory has been delayed somewhat by the non-delivery of switchboard material, but the work of checking the inspection standards of the division has been carried on under improvised conditions and no very serious inconvenience has been experienced. It is expected that the equipment of the laboratory will be completed within the next few months and the standards made available for the comparison of instruments from the electric companies and industries generally.

THE EXPORTATION OF ELECTRICAL ENERGY.

There are eleven hydro-electric companies at present engaged in the export of electrical energy to the United States under conditions as to quantities and terms similar to those that obtained prior to the war. With regard to the demand made by certain of the municipalities of Ontario that the export of power be reduced in order that an increased supply be made available for Canadian users, it may be stated that on former occasions when the cutting-off of the export of electric power has been raised interested parties in the United States have pointed out that should the export be discontinued by Canada the question of the export of coal from the United States to Canada would also have to be considered, and discontinuance in the one case would no doubt be followed by similar action in the other.

During the year 1919 Canada imported approximately 21,000,000 tons of coal from the United States and exported 2,000,000,000 kilowatt hours of electrical energy and 1,201,395 tons of bituminous coal equivalent approximately to 4,201,395 tons of coal, thus placing Canada in the debtor column to the extent of 16,798,605 tons.

The details of the operations under the various Acts administered by the branch will be found in the appendices to this report.

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APPENDIX D.

STATEMENT OF Electricity Inspection, Expenditures and Revenues for the fiscal year ending March 31, 1920.

Districts.	Inspectors.	EXPENDITURES.						Totals.		Revenues.					
		Salaries.		Special Assistance.		Rent.					Travelling Expenses.		Sundries.		
		\$	cts.	\$	cts.	\$	cts.	\$	cts.		\$	cts.	\$	cts.	
<i>Ontario</i> —															
Belleville.....	H. Fraser.....	3,399	96	999	96	.....	.....	782	41	60	98	5,243	31	4,296	50
Fort William.....	E. Littee.....	1,399	92	.....	.....	.....	.....	497	70	95	63	1,993	25	1,929	35
Hamilton.....	H. Lutz.....	.....	.....	.....	.....	.....	.....	844	15	89	55	933	70	10,673	90
London.....	A. F. Nash.....	.....	.....	448	07	.....	.....	721	73	104	05	1,273	85	9,212	40
Ottawa.....	M. B. Bond.....	4,884	97	720	00	.....	.....	527	50	70	76	6,203	23	5,753	00
Sudbury.....	L. H. Bouskill.....	1,399	92	.....	.....	.....	.....	385	76	57	00	1,842	68	1,705	50
Toronto.....	H. M. Clark.....	11,453	93	481	65	.....	.....	1,491	50	104	99	13,532	07	21,406	55
Totals.....	.....	22,538	70	2,649	68	.....	.....	5,250	75	582	96	31,022	09	54,977	20
<i>Quebec</i> —															
Montreal.....	A. Aubin.....	.....	.....	2,400	00	.....	.....	344	20	114	69	2,858	89	16,999	30
Quebec.....	J. A. Cantin.....	1,599	96	556	72	.....	.....	277	65	75	64	2,509	97	2,068	50
Sherbrooke.....	A. F. Simpson.....	.....	.....	.....	.....	.....	.....	155	00	16	50	171	50	1,005	30
St. Hyacinthe.....	A. Aubin.....	499	92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,350	95
Three Rivers.....	A. Olivir.....	.....	.....	.....	.....	180	00	350	90	5	50	1,036	32	1,002	35
Totals.....	.....	2,099	88	2,956	72	180	00	1,127	75	212	33	6,576	68	22,426	40
<i>New Brunswick</i> —															
St. John.....	J. E.. Wilson.....	.....	.....	.....	.....	.....	.....	236	12	62	13	298	25	2,187	00
<i>Nova Scotia</i> —															
Halifax.....	J. Toale.....	2,499	96	960	00	.....	.....	1,143	37	144	45	4,747	78	4,052	65
<i>Prince Edward Island</i> —															
Charlottetown.....	J. H. Bell.....	499	92	60	00	.....	.....	94	06	12	26	666	24	477	60
<i>Manitoba</i> —															
Winnipeg.....	R. Hamilton.....	.....	.....	1,200	00	.....	.....	519	80	153	78	1,873	58	7,202	15
<i>Alberta</i> —															
Calgary.....	W. P. Kyle.....	1,500	00	1,400	00	.....	.....	516	60	208	71	3,625	31	4,658	45
Edmonton.....	A. J. Cantin.....	1,500	00	620	83	534	00	204	68	2,859	51	2,454	15
Totals.....	3,000	00	2,020	83	1,050	60	413	39	6,484	82	7,112	60

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Saskatchewan— Regina.....	S. N. Hart.....	400 00	1,099 92	1,909 95	197 92	3,607 79	5,589 60
British Columbia— Vancouver.....	G. T. Scouler.....	7,407 82	81 66	627 25	469 01	8,585 74	8,239 00
Victoria.....	E. Ruttan.....	.....	48 00	.....	386 20	120 00	554 20	3,120 00
Totals.....	.....	7,407 82	129 66	.....	1,013 45	589 01	9,139 94	11,359 00
Chief Electrical Engineer.....	O. Higman.....	.....	.....	.....	.....	235 91	235 91	.....
Superintendent of Eastern Division.....	J. L. Stiver.....	2,100 00	.....	.....	745 94	168 97	3,014 91	.....
Superintendent of Western Division.....	Jas. Stott.....	2,100 00	.....	.....	391 20	280 98	2,772 18	.....
Superintendent of Central Division.....	P. R. Rutledge.....	2,100 00	.....	.....	459 15	189 20	2,748 35	.....
.....	.....	6,300 00	.....	.....	1,596 29	875 06	8,771 35	.....
Totals for Districts, etc.....	.....	44,746 28	11,076 81	180 00	13,942 14	3,243 29	73,188 52	115,384 20
General Contingencies.....	.....	.....	.....	.....	.....	633 75	633 75	.....
Printing.....	.....	.....	.....	.....	.....	2,444 00	2,444 00	.....
Stationery.....	.....	.....	.....	.....	.....	2,454 51	2,454 51	.....
International Electro-tech. Com	.....	.....	.....	.....	.....	208 50	208 50	.....
Cost of Living Bonus.....	.....	.....	.....	.....	.....	14,838 42	14,838 42	.....
Export of electric power.....	.....	.....	.....	.....	.....	.....	.....	475 00
Electrical Standards Laboratory fees.....	.....	.....	.....	.....	.....	.....	.....	.....
Provincial Allowance.....	.....	.....	.....	.....	.....	1,424 99	1,424 99	72 75
Grand Totals.....	.....	44,746 28	11,076 81	180 00	13,942 14	25,247 46	95,192 69	115,931 95

APPENDIX E.

STATEMENT of Gas Inspection, Expenditure and Revenues for the Fiscal Year ending March 31, 1920.

Districts.	Inspectors.	EXPENDITURES.						Totals.	Revenues.	
		Salaries.		Special Assistance.		Rent.	Travelling Expenses.			Sundries.
		\$	cts.	\$	cts.	\$	cts.			\$	cts.
<i>Ontario—</i>										
Belleville...	H. Fraser...					200 00	256 60	34 89	491 49	2,888 70
Hamilton...	H. Lutz...	5,716 93		24 00		60 00	739 20	161 37	6,701 50	6,428 30
London...	A. F. Nash...	4,200 00		40 15			782 19	69 49	5,091 83	6,777 50
Ottawa...	M. B. Bond...			15 00		4 95	1 00	9 18	30 13	4,465 30
Toronto...	H. M. Clark...			348 69			200 45	201 96	751 10	16,666 15
Totals...		9,916 93		427 84		264 95	1,979 44	476 89	13,066 05	37,225 95
<i>Quebec—</i>										
Montreal...	A. Aubin...	9,299 88				240 00	123 30	59 70	9,722 88	12,225 50
Quebec...	J. A. Cantin...									854 20
Sherbrooke...	A. F. Simpson...	799 92							799 92	231 60
St. Hyacinthe...	A. Aubin...									68 40
Totals...		10,099 80				240 00	123 30	59 70	10,522 80	13,379 70
<i>New Brunswick—</i>										
St. John...	J. E. Wilson...	2,300 00					405 78	3 00	2,708 78	906 00
<i>Nova Scotia—</i>										255 00
Halifax...	J. Toale...									
<i>Prince Edward Island...</i>										
<i>Manitoba—</i>										
Winnipeg...	R. Hamilton...	6,549 96							6,549 96	3,251 75
<i>Alberta—</i>										
Calgary...	W. P. Kyle...			1,000 00			335 50	841 12	1,419 62	2,130 20
<i>British Columbia—</i>										
Vancouver...	G. T. Scouler...						0 35	0 15	0 50	3,763 30
Victoria...	E. H. Ruttan...	1,200 00							1,200 00	782 65
Totals...		1,200 00					0 35	0 15	1,200 50	4,545 95
Totals for Districts...		30,066 69		1,427 84		504 95	2,844 37	623 86	35,467 71	

APPEN

Coal and Water Gas Companies

NOTE.—On November 24, 1919, the B.Th.U. Standard

Place.	Company.	Kind of gas.	Number of Meters.
Barrie, Ont.....	Barrie Gas Co.....	C.W.G.....	675
Belleville, Ont.....	Belleville Gas Dept.....	C. & C.W.G.....	1,550
Brandon, Man.....	Brandon Gas & Power Co.....	Coal.....	1,092
Brockville, Ont.....	Public Utilities Comm.....	C.W.G.....	1,956
Cobourg, Ont.....	H.E.P.C. of Ontario.....	Coal.....	435
Cornwall, Ont.....	Stormont El. & Power Co.....	C.W.G.....	400
Deseronto, Ont.....	Deseronto Gas Works.....	C.W.G.....	115
Guelph, Ont.....	Board of L. & H. Comm.....	C. & C.W.G.....	3,500
Halifax, N.S.....	Nova Scotia Tramways & Power Co., Ltd.....	Coal.....	1,742
Hamilton, Ont.....	United Gas & Fuel Co.....	C. & C.W.G.....	892
Kingston, Ont.....	Civic Utilities.....	C.W.G.....	3,566
Kitchener, Ont.....	Kitchener Light Comm.....	C. & C.W.G.....	3,730
London, Ont.....	City Gas Co.....	C. & C.W.G.....	11,419
Montreal, P.Q.....	Montreal L. H. & P. Consolidated Co.....	C. & C.W.G.....	117,275
Napanee, Ont.....	H. E. P. Com. of Ontario.....	C. & C.W.G.....	349
Nelson, B.C.....	Corporation of Nelson.....	Coal.....	650
New Westminster, B.C.....	New Westminster Gas Co.....	Coal.....	355
Oshawa, Ont.....	H.E.P. Com. of Ontario.....	C.W.G.....	1,444
Ottawa, Ont.....	The Ottawa Gas Co.....	C. & C.W.G.....	17,606
Owen Sound, Ont.....	Public Utilities Comm.....	C. & C.W.G.....	1,382
Peterboro, Ont.....	H.E.P. Com. of Ontario.....	C.W.G.....	2,470
Port Hope, Ont.....	Port Hope Gas Co.....	Coal.....	402
Quebec, Que.....	Quebec Ry. L. H. & P. Co., Ltd.....	C.W.G.....	7,090
St. Hyacinthe, Que.....	St. Hyacinthe Gas, E. & P. Co.....	C.W.G.....	170
St. John, N.B.....	New Brunswick Power Co.....	Coal.....	1,593
St. Thomas, Ont.....	Corporation of St. Thomas.....	Coal.....	3,600
Sherbrooke, Que.....	Corporation of Sherbrooke.....	C.W.G.....	1,551
Sorel, Que.....	Corporation of Sorel.....	Coal.....	200
Stratford, Ont.....	Stratford Gas Co.....	C. & C.W.G.....	1,403
Toronto, Ont.....	Consumers Gas Co.....	C. & C.W.G.....	118,811
Vancouver, B.C.....	Vancouver Gas Co.....	C. & C.W.G.....	17,062
Victoria, B.C.....	Victoria Gas Co.....	Coal.....	3,777
Waterloo, Ont.....	Waterloo W. & L. Com.....	C.W.G.....	865
Winnipeg, Man.....	Winnipeg El. Ry. Co.....	C. & C.W.G.....	21,660

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DIX F.

Registered and Gas Tests Made.

was reduced to 450 B.Th.U.s. per cu. ft. of gas.

Sulphuretted Hydrogen (No trace permitted).			Calorimetric Tests. (Standard: 520 British Thermal Units per cu. ft.)					
No of tests.		Times found present.	No. of Tests.		B.Th.U. Values found.			No of times below standard Value.
Prescribed.	Made.		Prescribed.	Made.	Highest.	Lowest.	Average.	
24	24	3	24	24	671.0	531.6	575.6	5
48	48	5	48	48	583.5	498.9	536.0	
Testing apparatus	not yet installed.	0	48	48	620.9	560.0	588.0	
24	24	1	24	24	623.0	511.0	570.0	
24	24	3	24	24	601.4	508.2	537.0	
24	24	14	24	24	624.1	499.3	545.0	1
96	94	2	96	94	605.0	457.0	536.9	
48	48	4	48	48	583.6	522.7	550.0	
24	24	0	24	24	535.0	461.0	513.0	
96	96	80	96	96	757.9	501.1	603.0	
96	96	0	96	96	621.0	450.0	532.0	2
305	304	0	305	304	632.0	405.0	552.0	
305	304	0	305	304	535.9	450.1	500.0	5
24	24	1	24	24	586.3	425.8	523.0	
24	24	0	24	24	543.5	447.1	503.0	5
24	24	0	24	24	628.2	536.0	584.0	
48	48	46	48	48	643.0	462.0	530.0	14
305	300	0	305	300	551.7	454.3	515.0	
48	47	0	48	47	601.0	520.3	556.4	4
96	96	6	96	96	581.1	507.6	545.0	
24	24	0	24	24	674.0	539.0	621.0	12
144	144	0	144	144	589.1	482.9	550.0	
24	24	0	24	24	556.9	450.5	508.0	30
48	48	0	48	48	609.0	552.0	580.0	
96	96	0	96	96	710.0	484.0	608.0	57
48	48	0	48	48	553.7	486.7	560.0	
Testing apparatus	not installed.	0	48	48	655.0	540.0	598.0	4
48	48	0	48	48	655.0	540.0	598.0	
305	298	30	305	298	580.3	471.0	518.2	12
305	302	0	305	302	567.9	440.9	515.0	
96	95	1	96	95	592.8	453.6	511.0	30
24	24	0	24	24	578.0	459.0	515.0	
305	293	24	305	293	596.7	437.8	519.0	57
305	293	24	305	293	596.7	437.8	519.0	

APPENDIX G.

STATEMENT OF GAS METERS TESTED DURING THE FISCAL YEAR 1919-1920.

District.	Accepted			Rejected		New	Retests	Dis- putes	Totals	Class 1 60c.	Class 2 \$1.00	Class 3 \$1.50	Class 4 \$2.00	Class 5 \$2.50 up
	Not over		Over 2% fast.	Over 3% slow.										
	Correct	2% fast. 3% slow												
Belleville.....	729	661	1,284	71	42	173	2,562	52	2,787	2,767	15	.....	2	3
Calgary.....	126	59	2,940	12	5	1,040	2,057	45	3,142	3,012	98	14	18	.....
Halifax.....	133	29	22	2	1	158	29	.....	187	170	13	.....	4	.....
Hamilton.....	3,707	879	3,742	.....	.....	1,633	6,669	26	8,328	8,178	76	47	25	.....
London.....	2,187	1,578	4,882	38	23	2,597	6,059	52	8,708	8,595	75	13	19	6
Montreal.....	5,536	3,824	8,860	176	196	2,400	16,168	24	18,592	18,230	275	.....	86	1
Ottawa.....	1,731	1,801	2,329	19	24	2,721	3,164	19	5,904	5,848	45	.....	10	1
Quebec	459	54	246	.....	.....	325	434	.....	759	752	7	.....	.....	.....
Sherbrooke..	30	88	24	.....	.....	1	141	.....	142	140	1	.....	1	.....
St. John.....	755	76	264	1	3	292	792	15	1,099	1,055	40	2	2	.....
St. Hyacinthe.....	8	8	5	1	1	1	19	3	23	20	3	.....	.....	.....
Toronto.....	10,641	2,646	11,131	270	196	7,020	17,155	709	24,884	24,119	669	.....	70	.....
Vancouver.....	1,234	1,741	1,604	3	2	1,013	3,546	25	4,584	4,478	98	.....	8	.....
Victoria.....	298	275	245	2	.....	225	593	2	820	754	63	.....	3	.....
Winnipeg.....	1,756	699	1,525	12	3	823	3,159	13	3,995	3,905	81	.....	8	1
Totals.....	29,330	14,418	39,103	607	496	20,422	62,547	985	83,954	82,023	1,559	76	256	40

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APPENDIX H.

STATEMENT of Natural Gas Companies Registered.

Location.	Name.	Number of Meters.
Aylmer, Ont.	Central Pipe Line Co.	
Belmont, Ont.	Belmont Gas Light Co.	132
Bertie Township, Ont.	Bertie Natural Gas Co., Ltd.	147
Bertie, Crowland and Humberstone, Ont.	Industrial Natural Gas Co., Ltd.	75
Blenheim, Ont.	The Union Natural Gas Co. of Canada	575
Bow Island, Alta.	Town of Bow Island	175
Bowness, Alta.	Canadian Western Natural Gas, L. H. & P. Co., Ltd.	7
Brantford, Ont.	The Brantford Gas Co.	5,147
Bridgeburg, Ont.	The Provincial Natural Gas & Fuel Co., Ltd.	1,410
Brooks, Alta.	Canadian Western Natural Gas, L. H. & P. Co., Ltd.	110
Caledonia, Ont.	Port Colborne-Welland Natural Gas Co.	506
Calgary, Alta.	Calgary Gas Co., Ltd.	9,048
Castor, Alta.	The Municipality of Town of Castor	2
Cayuga, Ont.	Dominion Natural Gas Co.	206
Chatham, Ont.	Chatham, Gas Co.	3,699
Claresholm, Alta.	Canadian Western, Natural Gas L. H. & P. Co., Ltd.	217
Delhi, Ont.	Dominion Natural Gas Co.	250
Dorchester, Ont.	The Southern Ontario Gas Co., Ltd.	121
Dresden, Ont.	Union Natural Gas Co. of Canada, Ltd.	531
Dundas, Ont.	Dominion Natural Gas Co.	1,761
Dunnville, Ont.	Dominion Natural Gas Co.	1,213
Dutton, Ont.	The Southern Ontario Gas Co., Ltd.	253
Fenwick, Ont.	United Gas Co.	219
Field, Alta.	Canadian Western Natural Gas, L. H. & P. Co., Ltd.	1
Ford City, Ont.	Windsor Gas Co., Limited.	476
Fort Erie, Ont.	Lake Shore Natural Gas & Fuel Co.	266
Fort Erie, Ont.	The Provincial Natural Gas & Fuel Co., Ltd.	145
Galt, Ont.	Dominion Natural Gas Co.	1,915
Granum, Alta.	Canadian Western Natural Gas L. H. & P. Co., Ltd.	110
Hagersville, Ont.	Manufacturers Natural Gas Co.	346
Hamilton, Ont.	National Gas Co.	60
Hamilton, Ont.	United Gas & Fuel Co. of Hamilton, Ltd.	19,986
Hamilton, Ont.	Manufacturers Natural Gas Co.	34
Hamilton, Ont.	Dominion Natural Gas Co.	1,309
Highgate, Ont.	Southern Ontario Gas Co.	119
Hillsboro, N.B.	Moncton Tramways, Electricity & Gas Co.	244
Ingersoll, Ont.	Ingersoll Gas Light Co.	1,255
Jarvis, Ont.	Dominion Natural Gas Co.	221
Kingsville, Ont.	Beaver Oil and Gas Co.	615
Lambeth, Ont.	Southern Ontario Gas Co.	91
Leamington, Ont.	Beaver Oil and Gas Co.	691
Leamington, Ont.	Town of Leamington	1,058
Lethbridge, Alta.	Canadian Western Natural Gas L. H. & P. Co.	973
Lincoln & Haldimand Counties, Ont.	Chippewa Oil and Gas Co., Ltd.	55
Lynedoch, Ont.	Dominion Natural Gas Co.	29
Macleod, Alta.	Canadian Western Natural Gas, L. H. & P. Co.	245
Main Line, Alta.	Canadian Western Natural Gas, L. H. & P. Co.	21
Medicine Hat, Alta.	Corporation of the City of Medicine Hat	2,791
Merlin, Ont.	Glenwood Natural Gas Company	211
Moncton, N.B.	Moncton Tramways, Electricity & Gas Co., Ltd.	3,136
Moncton Suburbs, N.B.	Moncton Tramways, Electricity & Gas Co., Ltd.	435
Nanton, Alta.	Canadian Western Natural Gas L. H. & P. Co., Ltd.	162
Niagara Falls, Ont.	Provincial Natural Gas & Fuel Co. of Ont., Ltd.	3,270
North Cayuga and Oneida Townships, Ont.	Midfield Natural Gas Co.	29
Okotoks, Alta.	Canadian Western Natural Gas L. H. & P. Co., Ltd.	94
Paris, Ont.	Dominion Natural Gas Co.	626
Petrolia, Ont.	Petrolia Utilities Co.	
Port Burwell, Ont.	Central Pipe Line Co.	
Port Colborne, Ont.	Sterling Gas Co., Ltd.	1,226
Port Dover, Ont.	Dominion Natural Gas Co.	443
Port Rowan, Ont.	Dominion Natural Gas Co.	249
Putnam, Ont.	Southern Ontario Gas Co.	

APPENDIX H.—Concluded.

STATEMENT of Natural Gas Companies Registered.—Continued.

Location.	Name.	Number of Meters.
Redcliff, Alta.....	Canadian Western Power & Fuel Co.....	370
Ridgetown, Ont.....	Union Natural Gas Co. of Canada, Ltd.....	609
Rodney, Ont.....	Southern Ontario Gas Co.....	229
Rosehill, Ont.....	Rosehill Natural Gas Co.....	39
Sandwich, Ont.....	Windsor Gas Co.....	460
Sandwich East, Ont.....	Windsor Gas Co.....	31
Sandwich West, Ont.....	Windsor Gas Co.....	160
Sarnia, Ont.....	Sarnia Gas Co.....	3,500
Shedden, Ont.....	Southern Ontario Gas Co.....	74
Sherkston, Ont.....	Provincial Natural Gas & Fuel Co., Ltd.....	66
Simcoe, Ont.....	Dominion Natural Gas Co.....	1,515
St. Catharines, Ont.....	United Gas Co.....	3,230
St. George, Ont.....	Dominion Natural Gas Co.....	122
St. Williams, Ont.....	Dominion Natural Gas Co.....	87
Suffield, Alta.....	Southern Alberta Gas Co.....	16
Thorold, Ont.....	United Gas Co.....	416
Tilbury, Ont.....	Union Natural Gas Co. of Canada, Ltd.....	421
Tillsonburg, Ont.....	Dominion Natural Gas Co.....	1,255
Vittoria, Ont.....	Dominion Natural Gas Co.....	64
Walkerville, Ont.....	Windsor Gas Co.....	1,431
Wallaceburg, Ont.....	Wallaceburg Gas Co.....	1,105
Welland, Ont.....	Provincial Natural Gas & Fuel Co., Ltd.....	2,360
Welland County, Ont.....	Industrial Natural Gas Co.....	
West Lorne, Ont.....	Southern Ontario Gas Co.....	203
Wheatley, Ont.....	The Beaver Oil & Gas Co.....	279
Windsor, Ont.....	Windsor Gas Co.....	7,017
Woodstock, Ont.....	Woodstock Gas Light Co.....	2,244

ACETYLENE GAS COMPANIES REGISTERED.

Place.	Name.	Cu. ft. of Gas Made.	Number of Meters.
Deloraine, Man.....	Deloraine Gas Co.....	243,500	73
Hamiota, Man.....	Acetylene Construction Co.....	157,600	51
Manitou, Man.....	Manitou Gas Co.....	189,900	67
Morris, Man.....	Acetylene Construction Co.....	224,350	67
Souris, Man.....	Consumers Gas Co., Ltd.....	295,910	90
Virden, Man.....	Town of Virden.....	558,390	165

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APPENDIX I.

STATEMENT OF ELECTRIC METERS TESTED DURING THE FISCAL YEAR 1919-1920.

District.	Accepted		Rejected		New.	Retests	Disputes	Totals	Class 1 60c.	Class 2 75c.	Class 3 \$1.50	Class 4 \$5.00
	Correct	Not over 3% fast	Not over 3% slow	Over 3% fast	Over 3% slow							
Belleville.....	1,728	4,101	934	.....	.....	3,611	11	6,763	5,820	820	123	.....
Calgary.....	2,570	4,785	201	31	59	5,497	144	7,646	7,187	459	.....	.....
Charlottetown.....	374	275	146	.....	.....	501	.....	795	791	4	.....	.....
Edmonton.....	1,166	2,501	345	3	5	2,312	28	4,020	3,739	281	6	.....
Fort William.....	384	1,626	1,130	.....	6	1,851	6	3,146	2,911	229	14	.....
Halifax.....	3,717	1,908	1,003	4	5	2,704	6	6,637	6,264	359	190	.....
Hamilton.....	12,500	1,645	2,886	.....	.....	9,448	8	17,031	14,959	1,882	257	.....
London.....	5,452	4,880	4,216	1	4	6,828	12	14,553	12,634	1,662	319	.....
Montreal.....	3,012	16,902	5,096	5	5	11,430	36	25,020	24,695	6	111	.....
Ottawa.....	1,414	3,865	3,803	92	96	6,025	7	9,270	8,565	594	50	.....
Quebec.....	2,277	4,836	1,635	3	2	1,173	1	3,370	3,310	10	8	1
Regina.....	2,339	700	627	.....	.....	5,933	18	9,172	8,671	492	.....	.....
Sherbrooke.....	1,872	777	957	.....	.....	376	.....	1,666	1,628	38	4	.....
St. John.....	215	1,861	65	.....	.....	1,488	75	3,615	3,515	96	68	.....
St. Hyacinthe.....	1,182	1,143	444	3	4	677	14	2,141	2,052	21	12	.....
Sudbury.....	281	581	722	.....	.....	1,403	.....	2,776	2,570	194	39	1
Three Rivers.....	16,509	13,189	3,443	64	207	19,278	15	33,412	29,198	3,255	959	.....
Toronto.....	4,770	6,320	2,316	14	14	8,322	41	13,434	12,630	734	69	1
Vancouver.....	2,124	2,210	792	2	.....	4,022	45	5,128	4,935	174	19	.....
Victoria.....	5,183	5,096	750	.....	4	7,492	9	11,033	8,819	1,883	331	.....
Winnipeg.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	69,765	79,836	31,968	225	420	100,863	476	82,214	66,364	13,268	2,579	3

APPENDIX J.

STATEMENT showing amount of Electrical Energy, Gas, or Fluid generated or produced for export and for consumption in Canada, under the authority of the Electricity and Fluid Exportation Act, for the year ending 31st day of March, 1920.

NAME OF CONTRACTOR AND PLACE OF BUSINESS.	Month	Units produced for export.		Units produced for use in Canada.		Total output of generating Station or other Source.	
		K.W. hours.	H.P. years.	K.W. hours.	H.P. years.	K.W. hours.	H.P. years.
The Canadian Niagara Power Company, Niagara Falls, Ont.....	April.....	20,609,256	3,145.06	30,172,744	4,604.53	50,782,000	7,749.59
	May.....	18,554,909	2,831.59	31,547,091	4,814.23	50,102,000	7,645.82
	June.....	17,090,932	2,608.17	29,167,068	4,451.03	46,258,000	7,059.20
	July.....	17,269,681	2,635.43	29,264,319	4,465.89	46,534,000	7,101.32
	Aug.....	17,090,932	2,608.17	29,167,068	4,451.03	46,258,000	7,059.20
	Sept.....	16,331,260	2,492.24	29,485,740	4,499.67	45,817,000	6,991.91
	Oct.....	18,818,910	2,871.88	31,083,090	4,743.42	49,902,000	7,615.30
	Nov.....	19,507,920	2,977.02	30,300,080	4,623.93	49,808,000	7,600.95
	Dec.....	20,096,150	3,066.90	29,767,850	4,542.60	49,864,000	7,609.50
	Jan.....	12,530,980	1,912.30	31,912,020	4,869.93	44,443,000	6,782.23
	Feb.....	10,910,170	1,664.95	32,139,830	4,904.70	43,050,000	6,569.65
	March.....	14,790,450	2,360.33	37,064,550	5,553.00	51,855,000	7,913.33
	Totals.....	203,601,550	31,174.04	371,071,450	56,523.96	574,673,000	87,698.00
The Toronto Power Company, Toronto, Ont.....	April.....	12,718,000	1,940.83	32,812,300	5,007.32	45,530,300	6,948.15
	May.....	8,877,000	1,354.67	28,589,800	4,362.95	37,466,800	5,717.62
	June.....	8,620,000	1,315.46	25,641,600	3,913.04	34,261,600	5,228.50
	July.....	8,654,000	1,320.64	29,358,400	4,480.24	38,012,400	5,800.88
	Aug.....	8,532,000	1,302.03	32,615,400	4,977.27	41,147,400	6,279.30
	Sept.....	8,687,000	1,325.68	30,048,300	4,585.52	38,735,300	5,911.20
	Oct.....	8,955,000	1,366.58	33,819,500	5,161.03	42,774,500	6,527.61
	Nov.....	8,577,000	1,308.89	36,566,700	5,580.26	45,143,700	6,889.15
	Dec.....	8,870,000	1,353.61	39,194,500	5,981.28	48,064,500	7,334.89
	Jan.....	8,774,000	1,338.96	41,437,800	6,323.62	50,211,800	7,662.58
	Feb.....	8,244,000	1,255.18	43,603,600	6,654.13	51,847,600	7,909.31
	March.....	8,729,000	1,335.19	46,940,900	7,163.42	55,669,900	8,498.61
	Totals.....	108,237,000	16,517.72	420,628,800	64,190.08	528,865,800	80,707.80

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The Ontario Power Company, Niagara Falls, Ont....		20,238,600	3,088.51	50,765,100	7,747.01	71,003,700	10,835.52
May.....		20,763,800	3,168.66	53,679,600	8,191.78	74,443,400	11,360.44
June.....		22,418,000	3,421.10	48,596,000	7,416.00	71,014,000	10,837.10
July.....		26,660,100	4,068.47	49,226,000	7,512.14	75,886,100	11,580.61
Aug.....		27,195,000	4,150.09	51,334,800	7,833.95	78,529,800	11,984.04
Sept.....		27,478,700	4,193.39	55,835,300	8,520.74	83,314,000	12,714.13
Oct.....		27,956,600	4,266.32	62,935,100	9,604.21	90,891,700	13,870.55
Nov.....		26,633,600	4,064.42	62,786,300	9,581.51	89,419,900	13,645.93
Dec.....		28,580,800	4,361.57	66,276,200	10,114.01	94,857,000	14,475.58
Jan.....		30,599,300	4,669.61	64,304,000	9,813.12	94,903,300	14,482.73
Feb.....		29,710,600	4,533.99	53,088,300	8,101.54	82,798,900	12,635.53
March.....		31,126,900	4,750.12	55,480,100	8,466.54	86,607,000	13,216.66
Totals.....		319,362,000.	48,736.25	674,306,800	102,902.55	993,668,800	151,638.80
The Ontario and Minnesota Power Company, Fort Frances, Ont.....		508,000	77.52	1,063,300	162.25	1,571,300	239.77
April.....		782,424	119.52	786,600	120.00	1,569,024	239.52
May.....		1,779,772	271.68	1,000,704	152.64	2,780,376	424.32
June.....		1,773,680	270.74	1,063,512	162.24	2,837,192	432.98
July.....		1,825,153	262.54	1,173,456	179.04	2,998,614	441.58
Aug.....		1,514,160	235.68	1,107,624	158.96	2,651,784	404.64
Sept.....		1,350,864	206.16	1,194,840	182.40	2,545,704	388.56
Oct.....		1,051,440	160.32	1,022,112	156.00	2,073,552	316.32
Nov.....		683,520	104.40	1,139,448	174.00	1,822,968	278.40
Dec.....		280,800	42.96	1,268,952	193.68	1,449,752	236.64
Jan.....		202,128	30.96	1,105,048	169.92	1,307,176	200.88
Feb.....		259,536	39.60	1,248,936	190.16	1,598,472	229.76
March.....							
Totals.....		12,043,120	1,838.16	13,182,532	2,011.69	25,225,652	3,849.85
Cedars Rapids Power Company, Montreal, Que.....		26,834,000	4,095.00	15,477,250	2,361.91	42,311,250	6,456.91
April.....		27,733,000	4,232.10	17,507,750	2,671.77	45,240,750	6,903.87
May.....		26,634,000	4,064.48	15,210,250	2,321.16	41,844,250	6,385.64
June.....		29,415,000	4,488.88	16,211,500	2,473.96	45,626,500	6,962.84
July.....		28,268,000	4,313.84	18,141,500	2,768.48	46,409,500	7,082.32
Aug.....		22,832,000	3,484.28	19,453,250	2,968.66	42,285,250	6,452.94
Sept.....		27,801,000	4,242.57	20,777,500	3,180.75	48,578,500	7,413.32
Oct.....		26,817,000	4,092.41	20,851,750	3,182.08	47,668,750	7,274.49
Nov.....		25,560,000	3,900.58	22,227,750	3,392.07	47,787,750	7,292.65
Dec.....		16,552,000	2,525.92	19,003,750	2,900.07	35,555,750	5,425.99
Jan.....		10,258,000	1,576.27	16,428,500	2,507.07	26,686,500	4,083.34
Feb.....		13,521,000	2,063.37	21,129,750	3,224.51	34,650,750	5,287.88
March.....							
Totals.....		282,225,000	43,079.70	222,420,500	33,942.49	504,645,500	77,022.19

APPENDIX J.—Continued.

STATEMENT showing amount of Electrical Energy, Gas, or Fluid generated or produced for export and for consumption in Canada, under the authority of the Electricity and Fluid Exportation Act, for the year ending 31st day of March, 1920.

NAME OF CONTRACTOR AND PLACE OF BUSINESS—Continued.	Month.	Units produced for export.		Units produced for use in Canada.		Total output of generating Station or other Source.	
		K.W. Hours.	H.P. Years.	H.W. Hours.	H.P. Years.	K.W. Hours.	H.P. Years.
Sherbrooke Railway and Power Company, Sherbrooke Que.	April.....	21,720	3.31	813,840	124.96	835,560	128.27
	May.....	23,760	3.63	852,480	130.09	876,240	133.72
	June.....	22,056	3.37	826,800	126.17	848,856	129.54
	July.....	23,592	3.60	852,000	130.02	875,592	133.62
	Aug.....	23,400	3.57	837,480	127.80	860,880	131.37
	Sept.....	23,232	3.55	808,680	123.41	831,912	126.96
	Oct.....	23,160	3.53	823,440	125.66	846,600	129.19
	Nov.....	23,184	3.54	794,520	121.25	817,704	124.79
	Dec.....	24,936	3.81	832,800	127.09	857,736	130.90
	Jan.....	22,872	3.49	828,000	126.36	850,872	129.85
	Feb.....	20,304	3.10	765,000	116.74	785,304	119.84
	March.....	21,480	3.28	855,912	130.62	877,392	133.90
	Totals.....	273,696	41.78	9,890,952	1,510.17	10,164,648	1,551.95
Maine and New Brunswick Power Company, Aroostook Falls, N.B.	April.....	419,315	63.99	22,985	3.51	442,300	67.50
	May.....	358,989	54.78	19,711	3.01	378,700	57.79
	June.....	343,400	52.40	19,300	2.95	362,700	55.35
	July.....	359,687	54.89	22,913	3.50	382,600	58.39
	Aug.....	394,152	60.15	24,248	3.70	418,400	63.85
	Sept.....	449,736	68.63	24,864	3.79	474,600	72.42
	Oct.....	578,665	88.31	61,135	9.33	639,800	97.64
	Nov.....	616,255	94.04	39,945	6.10	656,200	100.14
	Dec.....	719,577	109.81	42,223	6.44	761,800	116.25
	Jan.....	660,323	100.77	36,777	5.61	697,100	106.38
	Feb.....	579,009	88.36	26,091	3.98	605,100	92.34
	March.....	643,530	98.21	29,670	4.53	673,200	102.74
	Totals.....	6,122,638	934.34	369,862	56.45	6,492,500	990.79

Western Canada Power Company, Vancouver, B.C....	April.....	922, 100	140.72	7, 823, 660	1, 193.93	8, 745, 760	1, 334.65
	May.....	823, 900	125.73	8, 191, 140	1, 250.01	9, 015, 040	1, 375.74
	June.....	990, 000	151.08	6, 833, 480	1, 042.82	7, 823, 480	1, 193.90
	July.....	963, 700	147.07	8, 641, 520	1, 318.74	9, 605, 220	1, 465.81
	Aug.....	1, 302, 100	198.71	8, 775, 060	1, 339.12	10, 077, 160	1, 537.83
	Sept.....	1, 435, 100	219.00	8, 840, 900	1, 349.04	10, 276, 000	1, 568.04
	Oct.....	1, 956, 900	298.63	8, 362, 720	1, 276.29	10, 319, 620	1, 574.92
	Nov.....	1, 255, 800	191.64	8, 529, 640	1, 301.67	9, 785, 440	1, 493.31
	Dec.....	1, 205, 700	184.00	9, 558, 080	1, 458.61	10, 763, 780	1, 642.61
	Jan.....	1, 118, 800	170.74	9, 969, 620	1, 521.41	11, 088, 420	1, 692.15
	Feb.....	1, 001, 334	152.81	8, 725, 746	1, 331.59	9, 727, 080	1, 484.40
	March.....	1, 566, 300	189.86	9, 528, 400	1, 454.08	11, 094, 700	1, 643.94
Totals.....		14, 541, 734	2, 169.99	103, 779, 966	15, 837.31	118, 321, 700	18, 007.30
British Columbia Electric Railway Company, Vancouver, B.C.	April.....	21, 450	3.27	5, 509, 750	840.82	5, 531, 200	844.09
	May.....	20, 110	3.07	6, 815, 690	1, 040.10	6, 835, 800	1, 043.17
	June.....	16, 410	2.50	3, 255, 190	496.76	3, 271, 600	499.26
	July.....	20, 630	3.15	5, 791, 770	883.85	5, 812, 400	887.00
	Aug.....	24, 087	3.68	6, 016, 113	920.21	6, 040, 200	923.89
	Sept.....	26, 930	4.11	5, 699, 570	869.78	5, 726, 500	873.89
	Oct.....	38, 800	5.92	7, 471, 500	1, 140.19	7, 510, 300	1, 146.11
	Nov.....	45, 036	6.87	8, 317, 564	1, 269.30	8, 362, 600	1, 276.17
	Dec.....	40, 000	6.10	10, 063, 700	1, 535.77	10, 103, 700	1, 541.87
	Jan.....	40, 840	6.23	10, 419, 460	1, 590.06	10, 460, 300	1, 596.29
	Feb.....	32, 844	5.01	8, 689, 056	1, 325.99	8, 721, 900	1, 331.00
	March.....	27, 643	4.22	8, 601, 057	1, 312.56	8, 628, 700	1, 316.78
Totals.....		354, 780	54.13	86, 650, 420	12, 225.39	87, 005, 200	12, 279.52
West Kootenay Power and Light Co., Rossland, B.C..	April.....	42, 000	6.41	12, 835, 800	1, 963.32	12, 877, 800	1, 969.73
	May.....	210, 800	32.17	13, 520, 500	2, 063.30	13, 731, 300	2, 095.47
	June.....	362, 800	55.37	12, 811, 800	1, 955.15	13, 174, 600	2, 010.52
	July.....	283, 900	43.32	11, 504, 500	1, 755.64	11, 788, 400	1, 798.96
	Aug.....	344, 600	52.59	11, 343, 500	1, 731.07	11, 688, 100	1, 783.66
	Sept.....	46, 100	7.04	12, 284, 800	1, 874.72	12, 330, 900	1, 881.76
	Oct.....	52, 200	7.97	12, 788, 600	1, 951.61	12, 840, 800	1, 959.58
	Nov.....	82, 000	12.51	10, 954, 100	1, 671.65	11, 036, 100	1, 684.16
	Dec.....	470, 500	71.80	8, 625, 300	1, 316.26	9, 095, 800	1, 388.06
	Jan.....	425, 300	64.90	12, 899, 900	1, 968.59	13, 325, 200	2, 033.49
	Feb.....	215, 300	32.86	11, 693, 800	1, 784.53	11, 909, 100	1, 817.39
	March.....	461, 500	70.43	12, 260, 000	1, 870.94	12, 721, 500	1, 941.37
Totals.....		2, 997, 000	457.37	143, 522, 600	21, 906.78	146, 519, 600	22, 364.15

APPENDIX J.—Concluded.

STATEMENT showing amount of Electrical Energy, Gas, or Fluid generated or produced for export and for consumption in Canada, under the authority of the Electricity and Fluid Exportation Act, for the year ending 31st day of March, 1920.

Name of Contractor and Place of Business.	Month.	Units produced for export.		Units produced for use in Canada.		Total Output of Generating Station or other Source.	
		H.P. Years.		H.P. Years.		H.P. Years.	
		K.W. Hours.	K.W. Hours.	K.W. Hours.	K.W. Hours.	K.W. Hours.	K.W. Hours.
Canadian Niagara Power Company.....		203,601,550	31,174.04	371,071,450	56,523.96	574,673,000	87,698.00
Toronto Power Company		108,237,000	16,517.72	420,628,800	64,190.08	528,865,800	80,707.80
Ontario Power Company.....		319,362,000	48,736.25	674,306,800	102,902.55	993,668,800	151,638.80
Ontario and Minnesota Power Company.....		12,043,120	1,838.16	13,182,552	2,011.69	25,225,652	3,869.85
Cedar Rapids Power Company.....		282,225,000	43,079.70	222,420,500	33,942.49	504,645,500	77,022.19
Sherbrooke Railway and Power Company.....		273,696	41.78	9,890,952	1,510.17	10,164,648	1,551.95
Maine and New Brunswick Power Company.....		6,122,638	934.34	369,862	56.45	6,492,500	990.79
Western Canada Power Company.....		14,541,734	2,169.99	103,779,966	15,837.31	118,321,700	18,007.30
British Columbia Railway Company.....		354,780	54.13	86,650,420	12,225.39	87,005,200	12,279.52
West Kootenay Power Company.....		2,997,000	457.37	143,522,600	21,906.78	146,519,600	22,364.15
Totals.....		949,758,518	143,003.36	2,045,823,882	311,106.87	2,995,582,400	456,110.35

APPENDIX K.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
Belleville, Ont.—											
Bancroft Light & Power Co.....	Bancroft.....	Water.....	85	125	110
Beaverton Hydro Commission.....	Beaverton.....	Hydro.....	.....	.....	.....	.....	220	110	7	227
Hydro-Electric Pr. Com. of Ontario..	Belleville.....	Hydro.....	.....	3	60	.....	120/550	120/240	75	2,420
Public Utilities.....	Bloomfield.....	Hydro.....	.....	.....	.....	.....	220/550	110/220	1	80
J. P. Lett & Bro.....	Bedford Mills.....	Water.....	50-75	3	60	4,000	220	110	.....	.....
Electric Light Commission.....	Bobcaygeon.....	Water.....	200	3	60	2,300	.....	110	.....	.....
Hydro-Electric Pr. Com. of Ontario..	Bowmanville.....	.....	.....	.....	.....	44,000	550/220	220/110	20	715
Breehin Hydro Commission.....	Breehin.....	Hydro.....	.....	3	60	.....	220	110	3	48
Hydro-Electric Pr. Com. of Ontario..	Brighton.....	.....	.....	.....	.....	.....	220/550	110	4	387
Public Utilities Commission.....	Brockville.....	Purchased.....	.....	.....	.....	.....	550/220	110	56	1,712
Water and Light Commission.....	Campbellford.....	Water.....	3,450	3	60	2,400	110/2,200	110	1	728	
Brock Township.....	Cannington.....	Hydro.....	.....	3	60	2,200	220	220/110	9	9
Eldon Township.....	Cannington.....	Hydro.....	.....	3	60	2,200	220	220/110	1	1
Cannington Hydro Commission.....	Cannington.....	.....	.....	3	60	2,200	220	110/220	10	228
Cardinal Electric Light Co.....	Cardinal.....	Steam.....	550	3	.....	240	220	110	.....	49
Hydro-Electric Pr. Com. of Ontario..	Colbourg.....	.....	.....	.....	.....	.....	220/220	110/220	35	850
G. M. Peebles.....	Colborne.....	.....	.....	.....	.....	.....	220	110	3	175
Hydro-Electric Pr. Com. of Ontario..	Deseronto.....	.....	.....	.....	.....	.....	550/220	220/110	5	201
Board of Water, Light and Power Commissioners.....	Fenelon Falls.....	Water.....	600	3	60	550	550	110	.....	.....
Frankford Elec. Light Company Ltd..	Frankford.....	.....	4½	3	60	2,200	550	110	.....	110
Gananoque Elec. Light and Water Supply Co., Ltd.....	Gananoque.....	Water & Steam.....	1,400	3	60	2,400/250	500	115	33	485	
Fowld's Company Limited.....	Hastings.....	Water.....	100	2	66	2,200	220	110	.....	.....
Havelock Electric Light & Power Co..	Havelock.....	Water.....	150	3	60	4,400	110/220	110	.....	.....
Kemptville Milling, Lt., Ht. and Pr. Co., Ltd.....	Kemptville.....	.....	300	3	.....	10,000	220	110	.....	20
Civic Utilities of the Corporation of Kingston.....	Kingston.....	Steam & Hydro	17,000	3	60	2,300/4,400	550	110/220	112	2,925	
Lakefield Electric Light Company..	Lakefield.....	Water.....	120	3	60	2,200	550	110	.....	.....
Hydro-Electric Power Commission... Corporation of Village of Madoc.....	Lindsay.....	Water.....	1,500	3	60	550	4,160/220	110	46	1,705	
The Rideau Power Co., Ltd.....	Madoc.....	.....	.....	.....	.....	.....	220	220	1	4
Hydro-Electric Power Commission... Marmora Electric Light Plant.....	Merrickville.....	Water.....	1,500	3	.....	600	600/110	110	.....	125
.....	Millbrook.....	.....	100	1	60	44,000	110/220	110/220	5	155
.....	Marmora.....	.....	100	1	.....	1,040	.....	104	.....	.....

APPENDIX K.—Continued.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
Bellefleur, Ont. — Concluded.											
Hydro-Electric Power Commission...	Napanee.....	.....	.....	.....	.....	.....	550/220	220/110	19	600
Hydro-Electric Pr. Com. of Ontario.	Newcastle.....	Hydro.....	.....	.....	.....	44,000	220/110	220/110	3	145
Hydro-Electric Pr. Com. of Ontario.	Onemee.....	Hydro.....	.....	.....	.....	.....	220	110	3	85
Hydro-Electric Pr. Com. of Ontario.	Oshawa.....	Hydro.....	.....	3	60	4,200	550	110	60	2,093
Hydro-Electric Pr. Com. of Ontario.	Oshawa.....	Hydro.....	.....	3	60	4,200	550	110	30	93
Hydro-Electric Pr. Com. of Ontario.	Orono.....	Hydro.....	.....	.....	.....	2,200	220/110	220/110	5	135
Peterborough Utilities Commission...	Peterborough.....	Purchased.....	.....	.....	.....	.....	220 2,200	110/220	.....	5,000
Light & Water Commission.....	Port Perry.....	Steam.....	75	1	.....	1,100	.....	110	.....	125
Hydro-Electric Pr. Com. of Ontario.	Port Hope.....	.....	.....	.....	.....	.....	110/2,200	110/220	42	943
Pictou Public Utilities.....	Pictou.....	Hydro.....	.....	.....	.....	.....	110/550	110	18	779
Water and Light Commissioners.....	Prescott.....	Hydro.....	.....	.....	.....	.....	220	110	18	529
Corporation of Village of Stirling.....	Stirling.....	Purchased.....	175	1	60	44,000	240	120	.....	3
Sunderland Hydro-Electric.....	Sunderland.....	Hydro.....	.....	3	60	2,200	220	220/110	1	103
Sydenham Light & Power Co.....	Sydenham.....	Water & Steam.	200	3	60	2,300	550	110	1	65	
Hydro-Electric Pr. Com. of Ontario.	Trenton.....	Hydro.....	.....	3	60	.....	220/550	110	80	1,200
Hydro-Electric Pr. Com. of Ontario.	Tweed.....	Hydro.....	.....	.....	.....	.....	110/550	110	11	283
Town of Uxbridge.....	Uxbridge.....	Steam.....	75	1	125	1,120	.....	104	.....	120
Goodrick, J. H.....	Wardworth.....	Water.....	80	2	60	2,200	.....	110	.....	20
Public Utility Commission.....	Whitby.....	Hydro.....	.....	3	60	4,000/2,200	220 550	110	4	596
Woodville Hydro-Electric.....	Woodville.....	Hydro.....	.....	3	60	2,200	220	220/110	3	85
Benjamin Wheel Company, Limited..	Yarker.....	Water.....	40	D.C.	.....	125	.....	125	.....	.....
Fort William, Ont. —											
Dryden Pulp and Paper Co., Ltd.....	Dryden.....	Water.....	2,000	3	60	600	600	110	.....	.....
Town of Dryden.....	Dryden.....	Purchased.....	.....	3	60	600	550	110	4	179
Langstaff, Schurg & Co., Ltd.....	Emo.....	Steam.....	35	D.C.	.....	110	.....	110	.....	.....
Municipality of Town of Fort Frances.	Fort Frances.....	Water.....	6,700	3	60	6,600	220	110	11	462	
Ontario and Minnesota Power Co., Ltd.	Fort Frances.....	Water.....	6,600	3	60	6,600	550	110/220	6	2	
Kaministiquia Power Company, Ltd.	Fort William.....	Water.....	25,000	3	60	3,600/4,400	22,000/600	220/110	.....	.....
Electric Light Department.....	Fort William.....	Purchased.....	.....	.....	.....	.....	224/550	112	53	4,927
Corporation of Town of Kenora.....	Kenora.....	Water.....	3,296	3	60	2,400	2,200/110	110	24	1,321	
Township of McIntyre.....	Fort Francis.....	Purchased.....	.....	60	60	2,200	.....	110	.....	12
H. C. McMahon & Co.....	Mine Centre.....	Oil.....	.....	D.C.	.....	75/80	.....	60	2	.....
Public Utilities Commission.....	Port Arthur.....	Water.....	1,925	3	60	2,200	22,000/110	220/110	58	3,250	
Town of Rainy River.....	Rainy River.....	Steam.....	300	3	60	2,300	.....	110	.....	250

Hamilton, Ont.—									
Location	Company	Substation	Capacity	Year	Cost	Value	Revenue	Profit	Notes
Village of Acton	Acton	Hydro	13,000	3	25	2,300	2,200/220	110	10
Township of Ancaster	Ancaster	Hydro		3	25		2,200	110/220	3
Ayr Hydro Electric System	Ayr	Hydro		3	25		220	110	3
Police Village of Baden	Baden	Hydro		3	25	2,200	550	110	5
Hamilton Cataract Pr. Lt. & Traction Co., Ltd.	Beamsville	Water	46,200	3	66½	2,400	220	112	7
Bronte Electric Light Commission	Bronte	Purchased		2	60		2,200	2,200	15
Western Counties Electric Co., Ltd.	Brant	Water	4,000	3	66½	2,200	220	110	122
Townships of Brantford Hydro Elec. System	Brantford	Hydro				4,000	4,000/550	220/110	3
City of Brantford Hydro Electric System	Brantford	Hydro	4-750				220/4,000	110/220	48
Hamilton Cataract Pr. Lt. & Traction Co., Ltd.	Burlington	Water	46,200	3	66½	2,400	220	112	20
Brantford Hydro Electric Commission	Brantford	Hydro		3	55		550	110/220	1
Corporation of Village Caledonia	Caledonia		64	3	25		550 110	110	8
Delhi Light & Power Company, Ltd.	Delhi	Water	380	3	60	2,300	2,200/220	110	8
Public Utilities Commission	Dundas	Water		3	25	13,200	220 550	110/220	40
Dunnville Hydro Electric System	Dunnville	Hydro		3	28	2,200	550	110/220	15
Dundas Electric Company, Ltd.	Dundas	Water		3	66½	2,400	220	112	5
Elmira Public Utilities Commission	Elmira	Hydro		3	25	2,200	550	110	13
Public Utilities Commission	Galt		2,625	3	25	13,200	550	110/220	89
Hamilton Cataract Pr. Lt. & Traction Co., Ltd.	Grimsby	Water	46,200	3	66½	2,400	220	112	25
Hagerville Hydro Electric System	Hagerville	Hydro		3	25		2,200/220	110	8
Georgetown Hydro Electric System	Georgetown	Hydro		3	25		220 550	110	28
Municipal Hydro Electric Com	Hespeler	Hydro		3	25	6,600	550/220	110	20
Hydro Electric Commission	Hamilton	Purchased		3	25		2,200/220	220 110	625
Electric Power & Mfg. Company, Ltd.	Hamilton	Water		3	66½	2,400		112	10
Hamilton Cataract Pr. Lt. & Traction Co., Ltd.	Hamilton	Water	46,200	3	66½	2,400	2,400 220	112	424
Hamilton Electric Lt. & Pr. Company, Ltd.	Hamilton	Water		3	66½		220 110	112	60
Kitchener Light Commissioners	Kitchener	Water		3	25	13,200	550/2,200	110	169
Village of Lynden	Lynden	Water		3	25		220	110	63
Public Utilities Commission	Merriton	Hydro	356	3	25		550 110	110	1
Town of Milton Hydro Electric Com.	Milton	Hydro		3	25		13,000/550	110	12
New Hamburg Electric Department	New Hamburg	Hydro		3	25		2,200/110	110	10
Niagara Falls Hydro Electric System	Niagara Falls	Hydro					220	110	78
Canadian Niagara Power, Company	Niagara Falls	Water	100,000	3	25	11,000	220 11,000	110	65
Stamford Hydro Electric	Niagara Falls			3	25		220/440	110/220	5
The Ontario Power Company of Niagara Falls	Niagara Falls	Water	200,000	3	25	12,000	12,000	110	3
Oakville Water & Light Commission	Oakville			3	60		2,200	110/220	17
Hydro Electric & Water Commission	Paris	Hydro	804	3	25	2,200	550	110	19
Hydro Electric Light Commission	Port Dalhousie	Hydro		3	25		220/550	110	10
Preston Light & Water Commission	Preston		1,407½	3	25	2,200	550	110	40
Simcoe Hydro Electric System	Simcoe	Hydro	200	3	25		220/550	110	17

APPENDIX K.—Continued.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
<i>Hamilton, Ont.—Con.</i>											
Municipal Light & Power.....	Smithville.....			3	60	2,200	220	110	9	131	
Public Utilities Commission of St. Catharines.....	St. Catharines.....	Purchased.		3	25		220/550	110	58	3,4	
Grantham Twp. Hydro Electric System.....	St. Catharines.....	Purchased.		3	25		220	110		175	
Lincoln Electric Lt. & Pr. Company, Ltd.....	St. Catharines.....	Purchased.		2	60		220	110	130	1,050	
St. George Hydro Electric System.....	St. George.....	Hydro....	100	3	25		550	110	4	98	
Thorold Public Utilities Commission	Thorold.....	Water....	220	1	60	2,200	220	110	3	710	
Toronto Power Company.....	Toronto.....	Water....	125,000	3	25	12,000	12,000/90,000		22		
Smith, R.....	Waterdown.....	Hydro....		3	25		220	110	3	159	
Waterloo Water & Light Commission	Waterloo.....		1,200	3	25	13,200/2,200	550	110/220	59	1,068	
Waterford Hydro System.....	Waterford.....	Hydro....	200	3	25	4,000	550	110	6	196	
Hydro Electric Power Commission...	Welland.....	Water....		3	25		220/2,200	110	35	1,300	
Wellesley Light & Power Commission.	Wellesley.....	Hydro....		3	25		550	110	3	102	
Welland Electrical Coy., Ltd.....	Welland.....	Purchased.		2	66 ² ₃		220	110	4	1,000	
<i>London, Ont.—</i>											
Corporation of Village of Alvinston...	Alvinston.....	Steam....	400	DC.		120/240		110		4	
Rock Glen Power Company.....	Arkona.....	Turbines.....	60	3	60	2,200	2,200-220	110	1	78	
Aylmer Public Utilities Com.....	Aylmer.....	Hydro....							6	465	
Blenheim Hydro Electric Com.....	Blenheim.....	Hydro....					220/550	110/220	7	340	
Corporation of Blyth.....	Blyth.....	Steam....	60	1		1,100		110		83	
Bothwell Hydro Elec. System.....	Bothwell.....	Hydro....	150			27,000	220	110	3	157	
Cargill Limited.....	Cargill.....	Water....		DC.		110	220	110			
Thuell, Robt. J.....	Brussels.....		100	2		220	220	220		150	
Hydro Electric System.....	Chesley.....	Water....	8,000	3	60	22,000	2,200	110	12	320	
Clinton Public Utilities Commission..	Clinton.....	Hydro....	600	3	25	26,400	550	110	8	353	
Comber Hydro Electric.....	Comber.....	Hydro....						110		89	
Delaware Police Village.....	Delaware.....	Hydro....	100		25	13,200		110		44	
Dresden Hydro Electric System.....	Dresden.....	Hydro....					220/550	110	7	320	
Dorchester Police Village.....	Dorchester.....					110	110-220	110	2	85	
Hydro Electric System.....	Drumbo.....	Hydro....	15				220	110	1	74	
Dutton Hydro Electric System.....	Dutton.....	Hydro....		3	25	2,300	500	110-220	3	211	

APPENDIX K.—Continued.

LIST of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
London, Ont.—Con.											
Walkerville Hydro/Electric System.	Walkerville.....	Hydro.....	.....	3	25	.....	4,000	4,000	73	2,610
Watford Hydro Electric System.....	Watford	Hydro.....	.....	.....	25	26,400	550-220	110	6	184
Marven White.....	Wheatley.....	Gas.....	110	2	60	220	.....	110	.....	.....
Sauble Falls Lt. & Pr. Company.....	Warton.....	Water.....	220	3	60	6,600	220	110	1	137	
Electric Light Department.....	Wingham.....	Steam & Water.	400	3	60	2,300	550	110	7	425	
Woodstock Water & Light System....	Woodstock.....	Hydro.....	1,800	3	60	2,200	220-550	110	41	2,000	
Municipal Electric Lt. Plant.....	Wroxter.....	.....	50	.....	.....	100-103	1,000	105	.....	55
Ottawa, Ont.—											
Corporation of Alexandria.....	Alexandria.....	Steam.....	200	2	.....	2,400	.....	110	.....	227
Village of Alfred.....	Alfred.....	Steam.....	15	.....	.....	110	110	110	.....	.....
Electric Light Commission, Ltd.....	Almonte.....	Water.....	300	3	60	2,200	550/220	115	1	465	
Galetta Electric Pr. & Milling Co.,	Arnprior.....	Turbine.....	2/700	3	60	2,300	2,300/110	110/220	4	550	
MacLaren, Albert.....	Buckingham.....	Turbine.....	550	2	60	2,300	.....	110	.....	.....
Public Utility Commission.....	Carleton Place.....	Water.....	600	3	60	2,200	550/220	110/220	22	820	
Coupal, J. N.....	Casselman.....	Water.....	500	3	60	2,300	440	110	.....	6
Chesterville Hydro-Electric System..	Chesterville.....	Hydro.....	.....	.....	.....	.....	220	110	3	160
Village of Cobden.....	Cobden.....	Water.....	135	3	60	2,300	2,200	110	1	90	
Wilson, James.....	Campbells Bay...	Water.....	90	3	.....	2,400	.....	110	1	66
St. Lawrence Power Co., Ltd.....	Cornwall.....	Water.....	1,400	3	60	2,200	11,000/550	110	3	188	
Stormont Elec. Lt. & Pr. Co., Ltd....	Cornwall.....	Water.....	125	3	60	2,300	220/550	110	.....	1,100
Coupal, J. N.....	Crysler.....	Water & Steam.	90	2	.....	2,300	.....	110	.....	.....
Childerhose Power Company.....	Eganville.....	Turbine.....	225	3	.....	110	.....	110	.....	11
Fassett Lumber Company, Ltd.....	Fassett.....	.....	125	3	60	440	.....	.....	.....	.....
Cross, F. T.....	Farin Point.....	Water.....	170	3	60	4,400	4,400	110	.....	100
Electric Department.....	Gatineau Point...	Purchased.	.....	.....	.....	.....	2,200	104	15	.....
Hawkesbury Elec. Lt. & Pr. Co., Ltd.	Hawkesbury.....	Water.....	6,000	3	60	10,000 and 17,500	575/100	110	2	92	
Hull Electric Company.....	Hull.....	Water.....	980	2 and 3	60	2,200	220/550	115	201	2,498	
M. F. Beach, Estate.....	Iroquois.....	Steam.....	250	3	60	2,300	2,300	.....	.....	.....
Corporation of Iroquois.....	Iroquois.....	Water.....	150	3	60	2,200	550	110	.....	.....
Maniwaki Electric Company.....	Maniwaki.....	Water.....	265	3	60	2,200	220	110	5	.....
Laurentian Water & Power Co.....	Mont-Laurier.....	Water.....	200	3	60	2,400	110/550	110	1	49	
Morrisburg Electric Lt. & Power Company.....	Morrisburg.....	Water.....	250	3	60	2,200	220	110	

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Ottawa Hydro Electric Commission..	Ottawa.....	Purchased.....	60	11,000	440/550	110	205	10,037
The Ottawa Electric Company.....	Ottawa.....	Water & Steam.....	17,000	60	2,300	214/428	107	465	18,450
The Ottawa Power Company, Ltd.....	Ottawa.....	Water.....	4,000	60	.....	220	220	1	.....
Ottawa & Hull Power & M'fg. Co., Ltd.....	Ottawa.....	Water.....	12,000	60	2,200/11,000	.....	.....	1	.....
Edwards, W. H.....	Pakenham.....	Water.....	100	133	1,000	.....	110	1	.....
The Papineauville Electric Co.....	Papineauville.....	Water.....	.....	6	2,300	110/550	110	.....	4
Pembroke Electric Light Company, Ltd.....	Pembroke.....	Water.....	3,900	.....	2,500	2,200	110	4	990
Perth Hydro Electric System.....	Perth.....	Water.....	375	60	2,200	550/220	110	12	504
Calabogie Light & Power Company.....	Renfrew.....	Water.....	2-3,000	60	6,600	33,000/220	110/220	.....	48
Renfrew Municipal Power Plant.....	Renfrew.....	Purchased.....	1,750	60	2,200	550/440	110	1	800
Shawville Light Plant.....	Shawville.....	Gas.....	18	.....	60	.....	60	.....	80
Smith's Falls Hydro Electric System.....	Smith's Falls.....	Water.....	.....	60	2,200	2,200/220	110/220	23	1,265
North River Electric Co., Ltd.....	St. Andrews, East.....	Water.....	385	60	2,300	550	110	7	260
Williamsburg Hydro Elec. System.....	Williamsburg.....	Purchased.....	.....	.....	.....	220	110	2	51
The Winchester Hydro Electric System.....	Winchester.....	.....	.....	.....	.....	110/220	110	.....	225
Vankleek Hill Electric Company, Ltd.....	Vankleek Hill.....	Purchased.....	.....	.....	.....	550/2,200	115	.....	49
Sudbury, Ont.—									
Deagle, Fred.....	Blind River.....	Water.....	300	60	2,400	110/220	110	.....	.....
Hydro Electric Power of Ontario.....	Callander.....	Purchased.....	.....	60	2,200	220/550	110/220	2	109
Northern Ontario Light & Power Co., Ltd.....	Cache Bay.....	Water.....	2,600	60	2,200	220/110	110	.....	58
Chapleau Electric Light & Power Co., Ltd.....	Chapleau.....	Water.....	400	60	2,300	2,300	110	.....	363
Northern Ontario Light & Power Co., Ltd.....	Cochrane.....	Gas.....	400	60	2,200	220	110	30	405
Northern Ontario Light & Power Co., Ltd.....	Cobalt.....	Water.....	.....	60	11,000/2,400	110/220	110	42	1,508
Northern Ontario Light & Power Co., Ltd.....	Charlton.....	Water.....	540	60	2,200	220	110	4	75
International Nickle Co. of Canada, Ltd.....	Copper Cliff.....	Water.....	20,600	25	2,400	2,200/125	110	49	.....
Elk Lake Power Company, Limited..	Elk Lake.....	Water.....	350	60	550	550	110	4	20
Spanish River Pulp & Paper Mills, Ltd.....	Espanola.....	Water.....	6,600	60	2,250	2,250/220	110/220	.....	73
Northern Ontario Light & Power Co., Ltd.....	Englehart.....	Water.....	540	60	2,300	2,200/110	110	2	180
Northern Ontario Light & Power Co., Ltd.....	Haileybury.....	Water.....	.....	60	11,000	220	110	74	787
Town of Little Current.....	Little Current.....	Steam.....	150	.....	2,300	.....	2/300	.....	.....
Abitibi Power & Paper Company, Ltd.....	Montreal.....	Water.....	1,500	60	600	600	220/110	.....	146
Mattawa Elec. Lt. & Pr. Company, Ltd.....	Mattawa.....	Water.....	250	60	2,200	220	110	.....	10
Northern Ontario Light & Power Co., Ltd.....	New Liskeard.....	Water.....	60	11,000	220	110	30	417

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APPENDIX K.—Continued.

LIST of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting
<i>Sudbury, Ont.—Con.</i>										
Hydro Electric Power Commission of Ontario	Powasson.....	Water.....	.....	3	60	2,200	220/550	110/220	1	151
Water and Light Department.....	Sault Ste. Marie..	Water.....	.....	3	60	2,200	220	110	93	4,281
The Great Lakes Power Company, Ltd.	Sault Ste. Marie..	Water.....	37,050	3	60	2,300 & 500	.....	.....	7	5
Moose Mountain, Limited.	Sellwood.....	Steam.....	1,300	3	60	550	550	110	10	25
The Wahnapiet Power Co., Limited.	Sudbury.....	Water.....	2,451	3	60	2,300	15,000	.....	.....	.....
							33,000	110	.....	.....
							220	110	12	1,945
Corporation of town of Sudbury.....	Sudbury.....	Purchased.....	.....	2	60	2,300	220	110	1	465
Northern Ontario Lt. & Pr. Company, Ltd.	Sturgeon Falls....	Water.....	2,600	3	60	2,200	220	110	12	253
Northern Ontario Lt. & Pr. Company, Ltd.	South Porcupine..	Water.....	20,000	3	25	12,000	220/2,200	110	54	1,124
Northern Ontario Lt. & Pr. Company, Ltd.	Timmins.....	Water.....	20,000	3	25	12,000	220/2,200	110	.....	.....
Southern Canada Power, Limited	Timmins.....	Water.....	5,000	3	25	.....	12,000	.....	.....	.....
Town of Thessalon.	Thessalon.....	Steam.....	80	1	125	1,040	110	110	1	190
Electric Energy Company of Verner.	Verner.....	.....	2.5	DC	.....	120	110	110	.....	18
Northern Canada Power, Ltd.	Timmins.....	Water.....	14,900	3	25	12,000	12,000	.....	12	.....
<i>Toronto, Ont.—</i>										
Scarboro Twp. Hydro Commission...	Agincourt.....	Hydro.....	.....	.....	.....	.....	550	110/220	5	300
Public Utility Commission.....	Alliston.....	Hydro.....	300	3	60	2,200	220/550	110	9	301
Cataract Electric Co., Ltd.	Alton.....	.....	.....	.....	.....	.....	220	110	.....	40
Hydro Electric Power Commission...	Arthur.....	Hydro.....	.....	3	60	.....	220	110	9	130
The town of Aurora.....	Aurora.....	Purchased.....	.....	.....	.....	.....	550	110/220	9	460
Wenger Milling Company.....	Ayton.....	Water.....	.....	DC	.....	125	.....	125	.....	2
Barrie Electric Light Dept.	Barrie.....	Purchased.....	.....	2	.....	2,200	2,200/110	110	20	1,356
The Corporation of Beeton.....	Beeton.....	Purchased.....	.....	3	60	.....	550	110	2	97
Brampton Hydro Commission.....	Brampton.....	Hydro.....	1,200	.....	.....	1,300	550	110	30	1,000
Bolton Hydro Electric System.....	Bolton.....	Purchased.....	.....	3	25	.....	550/220	110	16	142
Corporation of Bracebridge.....	Bracebridge.....	Water.....	1,650	2	60	2,200	2,200/110	110	1	162
Hydro Commission.....	Bradford.....	Hydro.....	.....	.....	.....	.....	550	110/220	1	105
Cataract Electric Co., Ltd.	Cataract.....	Water.....	.....	3	60	2,200/6,600	220	110	.....	69
Collins, G. W.	Chatsworth.....	Purchased.....	.....	3	60	.....	220	110	1	.....

Clendinan, Geo.....	Clarksburg.....	Water.....	100	.....	60	2,300	2,200	110	.....	16
Public Utilities Commission.....	Collingwood.....	Hydro.....	.....	3	60	2,200	2,200/220	220/110	54	1,256
Hydro Electric System.....	Cookstown.....	Hydro.....	.....	3	60	.....	220	110	1	87
Toronto Twp. Hydro Electric Com- mission.....	Cooksville.....	Hydro.....	200	3	25	550 220	550/220	110	11	338
Hood, John M.....	Creemore.....	Purchased.....	.....	.....	.....	.....	220	110	5	145
The town of Durham.....	Durham.....	Purchased.....	.....	3	60	22,000/2,200	220/550	110	1	239
Corporation of Dundalk.....	Dundalk.....	Hydro.....	.....	3	60	2,200	220	110	3	160
Hydro Electric Commission.....	Elora.....	Hydro.....	.....	.....	25	13,200/4,000	550	110	4	210
Village of Elmvale.....	Elmvale.....	Purchased.....	300	.....	60	2,200	220	110/220	3	141
Cataract Electric Co., Ltd.....	Erin.....	Hydro.....	.....	.....	.....	2,200	220	110	.....	40
Corporation of Fergus.....	Fergus.....	Hydro.....	.....	3	25	2,200	550	110	12	360
Corporation of Village of Grand Valley.....	Grand Valley.....	Hydro.....	.....	.....	60	22,000	220	110	1	120
Village of Flesherton.....	Flesherton.....	Hydro.....	.....	.....	60	.....	4,000	110	2	100
Gravenhurst Electric Lt. & Water Com.....	Gravenhurst.....	Purchased.....	.....	3	60	6,600	2,200/100	110	12	405
Corporation of Holstein.....	Holstein.....	Hydro.....	35	.....	.....	2,200	220	110	.....	43
City of Guelph.....	Guelph.....	Purchased.....	750	2-3	.....	2,200	550	110/220	90	3,252
Hydro Commission of Hanover.....	Hanover.....	Hydro.....	.....	3	60	22,000	2,300/220	110/220	10	475
Hydro-Electric Commission.....	Harrison.....	Hydro.....	300	3	25	4,400	550	110	10	245
Public Utilities Commission.....	Huntsville.....	Water.....	.....	3	60	6,600	220 660	110	2	360
Etobicoke Township.....	Islington.....	Purchased.....	.....	3	25	4,000	220 550	110/220	11	1,0
George Bay, M. & P. Co. Ltd.....	Meaford.....	Water & Steam.....	650	3	60	2,300	110/2,300	110	.....	352
Walker, Wm.....	Markdale.....	.....	.....	3	.....	2,200	220	110	7	2
Village of Markham.....	Markham.....	Steam.....	100	2	133	1,140	.....	110	.....	155
Public Utilities Commission.....	Minico.....	Purchased.....	.....	3	25	4,000	110/550	110/220	8	770
Midland Water and Light Com.....	Midland.....	Purchased.....	.....	3	60	2,200	220	110	36	1,200
Hydro-Electric Power.....	Moorefield.....	Hydro.....	.....	3	25	2,200	220	110	2	36
Dike Albert.....	Mount Albert.....	Gas.....	65	D.C.	.....	250	250	250	.....	.....
Mt. Forest Water & Light Com.....	Mount Forest.....	Hydro.....	.....	3	60	2,200	220	110	8	246
Corporation of the Village of Neu- stadt.....	Neustadt.....	Hydro.....	.....	.....	60	.....	220	110	2	68
Town of Newmarket.....	Newmarket.....	Purchased.....	.....	.....	.....	.....	550	110	10	649
Hydro-Electric Power Commission.....	New Toronto.....	Hydro.....	3,500	3	25	2,200	550	110 220	12	535
Hydro-Electric Department.....	Orangeville.....	Hydro.....	600	3	60	22,000	220	110/220	6	276
Cataract Electric Co. Ltd.....	Orangeville.....	.....	.....	.....	.....	.....	220	110	1	140
Orillia Water, Light & Power Com- mission.....	Orillia.....	Water.....	6,216	3	60	2,200	220 550	110	6	284
Electric Department of Owen Sound.....	Owen Sound.....	Water.....	2,000	3	60	22,000	550	110/220	92	2,029
Town of Parry Sound.....	Parry Sound.....	Water.....	600	3	60	2,200	2,200	110 220	27	864
Penetanguishene Water & Light Com.....	Penetanguishene.....	Hydro.....	800	3	60	.....	220/2,200	110	19	370
Hydro Electric Commission.....	Port Credit.....	Water.....	.....	3	25	13,200	550 220	110	3	220
Municipality of Village of Richmond Hill.....	Richmond Hill.....	Purchased.....	160	3	25	.....	550	110 115	9	183
Police Village of Rockwood.....	Rockwood.....	Purchased.....	50	.....	.....	15,000	550 220	110	4	114
Shelburne Hydro Commission.....	Shelburne.....	Hydro.....	.....	3	60	.....	220	110	7	224
South River Electric Company.....	South River.....	Water.....	330-125	3	60	4,000	550	110 220
Corporation of Coldwater.....	Coldwater.....	Purchased.....	300	60	2,200	550	110	3	120

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The Laval Electric Company.....	Montreal.....	Purchased.....	2,500	3	30 & 60	5,000	2,200/110	110	125	1,200
Canadian Light & Power Co.....	Montreal.....	Water.....	28,800	3	60	2,200		110		1,342
Vaudreuil Electric Company, Ltd.....	Montreal.....	Purchased.....		3	60	6,600	220/550	110	7	34
Montreal Public Service Corporation.	Montreal.....	Water & Steam.		3	60		550/220	110	325	12,800
Montreal Lt., Ht. & Pr. Consolidated	Montreal.....	Water, Steam								
Corporation of town of Pointe Claire..	Pointe Claire.....	Purchased.....	245,050	3 & 2	60	2,200/6,600	110/66,000	110/220	2,289	112,446
Town of St. Agathe.....	St. Agathe.....	Purchased.....	263	3	60	2,200	2,200/220	110	6	480
North River Electric Company, Ltd.	St. Andrews East.	Water.....	500	3	60	2,200	220	110	5	375
Corporation of St. Anne de Bellevue..	St. Anne de Belle- vue.....	Water.....	385	3	60	2,300	500	110	7	260
The Pierrefonds Elec. Co. of Ste.		Substation.....	400	3	60		2,200	110	4	395
Genevieve.....	Ste. Genevieve....	Purchased.....		3	60	2,300	220	110	1	97
Mde Jos. Vanehestung.....	St. Jovite.....	Water.....	90	1		1,100		110		20
Corporation of town of St. Lambert..	St. Lambert.....	Purchased.....		3	60	2,200	550-110	110	8	850
The town of St. Jerome.....	St. Jerome.....	Water.....	540	3	60	6,600	220-550	110	5	884
J. W. Fouchet & Company.....	Ste. Scholastique.	Water.....	100	3	60	23,000		110		175
Town of Terrebonne.....	Terrebonne.....	Purchased.....		3	30	2,000	110	110	3	450
Valleyfield Electric Company.....	Valleyfield.....	Water.....	135	3	60	2,300	550/220	110	27	825
The City of Verdun.....	Verdun.....	Steam.....	600	3	60	2,200	110/2,200	110	14	3,702
Westmount Light & Power Dept.....	Westmount.....	Steam.....	1,250	3	60	2,300	550	110		3,100
Quebec, Que.—										
The Electric Company of Amqui.....	Amqui.....	Water.....	250	3		2,200	550	110	1	139
Baie St. Paul Electric Light & Power										
Company.....	Bay St. Paul.....	Water.....	350	2	60	2,000		104		
The Pulp Company of Chicoutimi....	Chandler.....	Water.....	4,300	3	60	600				172
The Hydraulic Company of Portneuf.	Deschambault..	Water.....	625	3	60	6,600	550	110		
The Donnacona Paper Co., Ltd.....	Donnacona.....	Water.....	1,250	3	60	550	550	110	3	2
The town of Jonquiere.....	Jonquiere.....			3	60	2,300	2,300/500	110	3	20
Cote, Eugene.....	L'Isle Verte.....		25	3		2,250	220	110		30
Canadian Electric Light Company.....	Levis.....	Water.....	4,800	3	60	10,500	110/2,200	110	156	2,505
Nairn Falls Power & Pulp Co., Ltd....	Malbaie.....	Water.....	500	3		4,400	550	110/220		115
Rouleau, Limited.....	Mont Joli.....	Gas.....	66	3	60	2,200	110	110		
Basin Electric Light and Power Co....	Montmagny.....	Water.....	200	3	60	2,300	110	115	1	350
The Syndicate of Lake Temiscouata..	Notre Dame du Lac.....	Oil.....	10			125		110		8
Chas. A. Julien Company, Limited....	Pont Rouge.....		67	3		2,300	550	110		41
Quebec Ry. Light, Heat & Power Co.	Quebec.....	Turbine.....	10,049	2 & 3	64	2,000,550	2,200/110	110/220	382	12,115
Public Service Corporation of Quebec.	Quebec.....	Turbine.....	3,500	3	60	2,400	550/110	220/110		6,791
The City of River du Loup.....	Riviere du Loup..		525	3		2,200	110/220	110	2	850
Le Credit Municipal Canadien.....	Rimouski.....	Water.....	800	3		2,300	550	110		84
Hector Piche.....	St. Basile.....		45			1,000		80		28
The Electric Energy Company of St.										
Come.....	St. Come.....									
Hydraulic Company of St. Felicien..	St. Felicien.....									
Thomas Lessard.....	St. George.....									
Municipality of town of St. Raymond.	St. Raymond.....			3		1,110	550	110		30
Roy Company Limited.....	St. Ulric.....	Water.....	45	3		2,200		110	12	
Beauce Electric Power Company.....	Sherbrooke.....	Purchased.....	200			15,000	110,550	110	10	346
Deblois and Vielleuse.....	W. Anselme.....			2		2,200		110		15

APPENDIX K.—Continued.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Meters.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
<i>Sherbrooke, Que.</i>										
Corporation of Village of Asbestos....	Asbestos.....	Purchased.....	.....	.....	.....	.....	.....	.....	.....	98
Southern Canada Power Co., Ltd.....	Ayer's Cliff.....	Substation.....	150.....	3.....	60.....	2,300.....	550.....	110.....	3.....	95
Southern Canada Power Co., Ltd.....	Beebe.....	Substation.....	1,000.....	3.....	60.....	2,300.....	550.....	110.....	7.....	102
Southern Canada Power Co., Ltd.....	Bromptonville.....	Substation.....	100.....	3.....	60.....	2,300.....	550.....	110.....	2.....	170
Southern Canada Power Co., Ltd.....	Capleton.....	Substation.....	600.....	3.....	60.....	2,300.....	550.....	110.....	1.....	22
Corporation of Coaticook.....	Coaticook.....	Water.....	650.....	3.....	60.....	2,200.....	550/220.....	110.....	.....	675
Westbury Electric Light & Power Co.	Cookshire.....	Water.....	500.....	3.....	60.....	3,000.....	550.....	110.....	15.....	535
Southern Canada Power Co., Ltd.....	Compton.....	Substation.....	200.....	1.....	60.....	2,300.....	550.....	110.....	.....	35
Shipton Electric Light & Power Co.	Danville.....	Water & steam.....	150 & 210.....	1.....	.....	2,080.....	.....	110.....	.....	125
J. B. Parker.....	Dixville.....	.....	40.....	D.C.	.....	112.....	.....	110.....	.....	.....
Southern Canada Power Co., Ltd.....	Eastis.....	Substation.....	100.....	.....	.....	2,300.....	550.....	110.....	.....	30
Southern Canada Power Co., Ltd.....	Foster.....	Substation.....	150.....	.....	.....	2,300.....	550.....	110.....	.....	40
Southern Canada Power Co., Ltd.....	Granby.....	Substation.....	1,500.....	3.....	60.....	2,300.....	550.....	110.....	9.....	720
Southern Canada Power Co., Ltd.....	Knowlton.....	Substation.....	150.....	3.....	60.....	2,300.....	550.....	110.....	1.....	133
Southern Canada Power Co., Ltd.....	Kingsbury.....	Substation.....	200.....	3.....	60.....	2,300.....	550.....	110.....	.....	25
Corporation de la ville de Megantic....	Lake Megantic.....	Gas.....	150.....	3.....	.....	.....	.....	.....	.....	.....
Southern Canada Power Co., Ltd.....	Lennoxville.....	Substation.....	300.....	3.....	60.....	2,300.....	550.....	110.....	14.....	368
Corporation of town of Magog.....	Magog.....	Water.....	1,800.....	2.....	60.....	2,400.....	2,200.....	108.....	.....	625
Southern Canada Power Co., Ltd.....	Massawippi.....	Substation.....	150.....	3.....	60.....	2,300.....	550.....	110.....	1.....	22
Southern Canada Power Co., Ltd.....	Matley.....	Substation.....	150.....	3.....	60.....	2,300.....	550.....	110.....	.....	19
Southern Canada Power Co., Ltd.....	Melbourne.....	Substation.....	200.....	3.....	60.....	2,300.....	550.....	110.....	.....	85
Southern Canada Power Co., Ltd.....	New Rockland.....	Substation.....	200.....	3.....	60.....	2,300.....	550.....	110.....	.....	6
Southern Canada Power Co., Ltd.....	North Hatley.....	Substation.....	100.....	3.....	60.....	2,300.....	550.....	110.....	5.....	102
Southern Canada Power Co., Ltd.....	Rock Island.....	Substation.....	450.....	3.....	60.....	2,300.....	550.....	110.....	6.....	212
W. M. Pike & Son.....	Rock Island.....	Water.....	33.....	D.C.	.....	110.....	110.....	110.....	.....	.....
Southern Canada Power Co., Ltd.....	Richmond.....	Substation.....	200.....	.....	.....	2,300.....	550.....	110.....	5.....	502
A. G. Hurd.....	Sawyerville.....	Steam.....	85.....	1.....	125.....	2,080.....	.....	110.....	.....	58
The Canadian Telephone Co.....	Sawyerville.....	Purchased.....	80.....	3.....	60.....	.....	2,200.....	110.....	.....	43
Scotstown Electric Light & Power Co.	Scotstown.....	Water.....	250.....	3.....	60.....	2,200.....	.....	110.....	.....	.....
City of Sherbrooke (Weedon Plant)....	Sherbrooke.....	Water.....	4,000.....	3.....	60.....	2,300.....	2,300.....	110.....	.....	.....
City of Sherbrooke (Rock Forest Plant).....	Sherbrooke.....	Water.....	3,000.....	3.....	60.....	6,600.....	6600/2200.....	.....	.....	.....
City of Sherbrooke (Frontenac St. Plant).....	Sherbrooke.....	Water.....	3,000.....	3.....	60.....	2,300.....	2,300.....	110.....	5.....	2,000
Dorais, J. E.....	Sherbrooke.....	550.....	2200/550.....	110.....	3.....	50

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Southern Canada Power Co., Ltd.....	Sherbrooke.....	Water and Sub- station.....	3,900	3	60	2,300	550	110	7
Southern Canada Power Co., Ltd.....	Stanstead.....	Substation.....	450	3	60	2,300	550	110	3	90
Corporation of Village of Sutton.....	Sutton.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	100
Vermont & Quebec Power Corp.....	Sutton.....	Water.....	1,100	3	60	2,300	550	110	3	23
La Compagnie Electrique de Thetford Mines.....	Thetford Mines.....	Purchased.....	600	3	.....	2,200	500	110	4	450
Saint Francis Water Power Co.....	Thetford Mines.....	Water.....	3,000	3	.....	2,400	15,000	110	4	40
Southern Canada Power Co., Ltd.....	Waterloo.....	Substation.....	200	3	60	2,300	550	110	3	272
Southern Canada Power Co., Ltd.....	Waterville.....	Substation.....	200	3	60	2,300	550	110	2	63
Southern Canada Power Co., Ltd.....	Way's Mills.....	Purchased.....	150	3	60	2,300	550	110	3	15
Corporation of town of Windsor.....	Windsor.....	Purchased.....	60	.....	30	2,200	220	110	.....	300
<i>St. Hyacinthe, Que.—</i>										
Southern Canada Power Co., Ltd.....	Actonvale.....	Substation.....	100	3	60	2,300	550	110	.....	120
Corporation of town of Bedford.....	Bedford.....	Water & Steam.....	100 & 150	1	133	1,100	.....	110	.....	49
The town of Beloeil.....	Beloeil.....	Purchased.....	54	3	60	2,200	550	110	6	269
Southern Canada Power Co., Ltd.....	Beloeil.....	Substation.....	300	3	60	2,300	550	110	.....	.....
Southern Canada Power Co., Ltd.....	Cowansville.....	Substation.....	200	3	60	2,300	550	60	4	165
Southern Canada Power Co., Ltd.....	Drummondville.....	Water.....	6,000	3	60	2,300	550	110	10	693
Southern Canada Power Co., Ltd.....	Dunham.....	Purchased.....	200	1	60	2,300	550	110	.....	50
Corporation of Farnham.....	Farnham.....	Water & Steam.....	1,200	3	60	2,300	550	110	4	589
Southern Canada Power Co., Ltd.....	Iberville.....	Substation.....	1,500	3	60	2,300	550	110	10	330.4
Electric Company of Nicolet.....	Nicolet.....	Purchased.....	.....	3	60	.....	110 220	110	8	220
The St. Maurice Light and Power Co.	Pierreville.....	Purchased.....	.....	3	60	.....	110 220	110/220	.....	90
Southern Canada Power Co., Ltd.....	Providence.....	Substation.....	1,500	3	60	2,300	550	110	.....	120
Electric Co. of Sorel.....	Sorel.....	Purchased.....	.....	3	60	.....	550	110	25	1,800
Southern Canada Power Co., Ltd.....	St. Antoine.....	Substation.....	1,500	3	60	2,300	550	110	1	21
Dufresne, A. N.....	St. C'esaire.....	Water.....	150	2	60	2,200	110/220	110	.....	8
Southern Canada Power Co., Ltd.....	St. Cyrille.....	Purchased.....	6,000	3	60	2,300	550	110	3	60
Southern Canada Power Co., Ltd.....	St. Germais.....	Purchased.....	6,000	3	60	2,300	550	110	.....	60
Corporation of village of St. Hilaire...	St. Hilaire.....	Purchased.....	15	3	60	2,200	.....	110	.....	72
Southern Canada Power Co., Ltd.....	St. Hilaire.....	Substation.....	300	3	60	2,300	550	110	.....	9
Southern Canada Power Co., Ltd.....	St. Hyacinthe.....	Substation.....	1,500	3	60	2,300	550	110	31	1,518
Southern Canada Power Co., Ltd.....	St. Hughes.....	Substation.....	25	1	60	2,300	550	110	1	84
Southern Canada Power Co., Ltd.....	St. Johns.....	Substation.....	1,500	3	60	2,300	550	110	30	1,229
Southern Canada Power Co., Ltd.....	St. Joseph.....	Substation.....	1,500	3	60	2,300	550	110	.....	60
Southern Canada Power Co., Ltd.....	St. Madelaine.....	Substation.....	100	3	60	2,300	550	110	1	35
Southern Canada Power Co., Ltd.....	St. Mathias.....	Substation.....	100	1	60	2,300	550	110	.....	28
Belanger, Nap.....	St. Pie.....	Water.....	75	3	60	2,200	.....	110	.....	35
Southern Canada Power Co., Ltd.....	St. Rosalie.....	Substation.....	1,500	3	60	2,300	550	110	.....	60
W. Clark, Ltd.....	St. Remis.....	Steam.....	165	3	60	2,200	220	110	11	120
M. S. Cornell & Sons.....	Stanbridge.....	Water.....	27½	D.C.	.....	110	.....	110	.....	4
Southern Canada Power Co., Ltd.....	Sweetsburg.....	Substation.....	200	3	60	2,300	550	110	.....	40
The Arthabaska Water Power Co.	Victoriaville.....	Purchased.....	.....	.....	.....	.....	2,200/220	220 110	20	603
Continental Heat & Light Co.....	Warwick.....	Purchased.....	.....	3	60	.....	50,000/220	110	31	100
<i>Three Rivers, Que.—</i>										
St. Maurice Light & Power Co.....	Berthierville.....	Purchased.....	.....	.....	.....	.....	110/2,200	110	10	200
Laurentide Power Co.....	Grandmère.....	Water.....	20,000	3	60	6,600	6,600	.....	7	.....

APPENDIX K.—Continued.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
<i>Three Rivers, Que.—Con.</i>											
Corporation of Grandmere.....	Grandmere.....	Water.....	1,000	3	60	2,200	11,000	110	61	78	
Corporation of city of Joliette.....	Joliette.....	Steam.....	200	2	60	2,000		104		840	
St. Maurice Light & Power Co.....	Lanoraie.....	Power.....					110/220	110	2	16	
The Shawinigan Water & Power Co....	Montreal.....	Water.....		2 & 3		2,200	50,000		50		
						& 6,600	& 100,000				
The Laval Electric Co.....	Montreal.....	Purchased.....	2,500	3	30 & 60	50,000	2,200, 110	110	125	1,200	
The Electric Co. of Laurentides, Ltd.	Rawdon.....	Water.....	300	3	60	6,600	550	110	1	825	
Corporation of village of St. Gabriel de Brandon.....	St. Gabriel.....	Purchased.....	300	3		25,000	2,200	110	6	151	
The St. Maurice Lt. & Pr. Co.....	Shawinigan Falls.....	Water.....	500	3		2,200	220, 2,200	110, 220	50	1,500	
North Shore Power Co.....	Three Rivers.....	Water.....	1,200	3	60	2,200	550	110	115	2,500	
Brown Corporation.....	La Tuque.....		4,100	3	60	2,300	550	110	50	63	
<i>St. John, N.B.—</i>											
Maine & New Brunswick Elec. Pr. Co Ltd.....	Aroostook Jct.....	Water.....	3,500	3	60	11,000	550/220	110	2	61	
Bathurst Electric & Water Power Co., Ltd.....	Bathurst.....	Water.....	500	3		6,600/2,200	220	110	4	347	
Town of Campbellton.....	Campbellton.....	Gas.....	535	3	60	2,200	110, 220	110	25	675	
The Light Department of Chatham.....	Chatham.....	Oil.....	400	3		2,300	224	212	10	480	
King Lumber Co., Ltd. of Chipman.....	Chipman.....	Steam.....	50	D.C.		125	110	110		19	
C.M. Sherwood, Ltd.....	Centreville.....	Water.....	160			120		110			
The town of Dalhousie.....	Dalhousie.....	Gas.....	125	3		2,200	220	110	4	177	
The Dorchester Development Co., Ltd.....	Dorchester.....	Purchased.....		1		2,200		110		84	
The town of Edmundston.....	Edmundston.....	Water.....	550	1	60	2,200	550	110	3	360	
Maritime Electric Co., Ltd.....	Fredericton.....	Steam.....	1,200			2,200	220	110	35	1,275	
Town of Grand Falls.....	Grand Falls.....	Substation.....		3	60		2,200/110	110	5	165	
L. H. Glass.....	Hartland.....					110		110			
A. & R. Loggie Co., Ltd.....	Loggieville.....	Steam.....	65	1		110	110	110			
Canadian Cotton Ltd.....	Marysville.....	Steam.....	100	3	60	2,200	550	110		175	
Moncton Tramways Elec. & Gas Co., Ltd.....	Moncton.....	Steam.....	1,150	2	60	1,100	110/550	110	52	2,381	
The town of Newcastle.....	Newcastle.....	Steam.....	325	2	60	2,200	220	110		375	
Port Elgin Electric Light Plant.....	Port Elgin.....	Steam.....	50	D.C.		220	220	220		45	

Town of Neepawa.....	Steam.....	350	3	60	2, 200	110	19	363
City Electric Department.....	Steam.....	900	3	60	220-550	110	33	900
The Electric Light Department.....	Gas.....	75	3	60	.....	110	.....	145
Town of Rapid City.....	Gas.....	50	.....	60	.....	110	1	100
Municipality of Pipestone.....	Gas.....	40	.....	.....	.....	110	.....	93
Corporation of town of Rivers.....	Purchased.	.....	3	.....	550/220	110	2	112
Town of Selkirk.....	Purchased.	.....	.....	.....	220	110	13	619
Town of Souris.....	Gas.....	82	3	.....	225	110	7	204
Village of Shoal Lake.....	Oil.....	55	3	.....	220	110	4	116
Corporation of town of The Pas.....	Oil.....	240	3	60	220	110	3	320
Winnipeg Electric Railway Company.	Water & Steam.	..21,000 & 12,000	3	60	2, 200	110	950	13,000
City of Winnipeg Lt. & Pr. Depart- ment.....	Water.....	47,000	3	60	6,600	110	.....	.....
Winnipeg.....	Water.....	.....	.....	.....	550	.....	.....	.....
Regina, Sask.—								
Mills, A. D.....	Steam.....	10	D.C.	.....	110	110	.....	.....
Simpson, James.....	.....	7	D.C.	.....	60	60	.....	.....
Arcola Light & Power Company.....	Oil.....	75	1	60	1,100	110/220	.....	121
Town of Assiniboia.....	Oil.....	50	3	60	2,300	110	.....	110
Balcarres Light & Power Company...	Gas.....	7 to 22½	D.C.	.....	110	110	.....	5
Town of Battleford.....	Purchased.	.....	3	60	2,300	115	11	222
Lay, W. J.....	Gas.....	85 and 36	3	60	110/220	110	.....	75
Ladder Lake Lumber Company, Ltd.	Steam.....	1,375	3	60	550	110/220	.....	.....
Crabb, D. E.....	Oil.....	20	D.C.	.....	110	110	.....	2
Corporation of town of Broadview...	Oil.....	25	3	60	2,200	110	.....	150
Town of Canora.....	Oil.....	96	3	60	2,200	110	1	152
Town of Carlyle.....	Steam.....	52	3	60	2,200	.....	.....	70
Schwartz, Herman.....	Steam.....	22	D.C.	.....	110	110	.....	6
Town of Davidson.....	Gas.....	110	3	60	2,200	110	.....	120
Village of Earl Grey.....	Gas.....	15	D.C.	.....	115	115	.....	41
Eastend Garage.....	Oil.....	25	D.C.	.....	125	115	.....	14
Corporation of Estevan.....	Steam.....	350	3	60	2,200	100	8	390
Spears, W. R.....	Steam.....	22	D.C.	60	125	115	.....	3
Ft. Qu'Appelle Power Company.....	Oil.....	25	3	60	2,200	110	1	51
Corporation of town of Govan.....	Oil.....	20	D.C.	.....	115	110	.....	76
Town of Grenfell.....	Gas.....	64	3	60	2,200	110/220	.....	166
Hutchinson, Joseph.....	Gas.....	64	3	60	2,300	115	.....	150
Oliver, A. P.....	Gas.....	15	D.C.	.....	125	110	.....	9
Klassen, Heinrich Martin.....	Gas.....	165	3	60	2,300	115	.....	146
Town of Humboldt.....	Steam.....	235	3	60	2,200	110	15	360
Town of Indian Head.....	Steam.....	225	3	60	104/208	104/208	.....	250
Ituna Electric Lt. & Pr. Company, Ltd	Oil.....	20	D.C.	.....	125	125	.....	24
Town of Kamsack.....	Gas.....	250	3	60	2,300	110	1	262
Humpheys, William.....	Oil.....	15	D.C.	.....	120	110	.....	20
Hourd and Bayne.....	Gas.....	10	D.C.	.....	110/115	110	.....	2
Town of Kindersley.....	Steam.....	135	3	60	2,200	110	1	214
Szakacs, Gabriel.....	Gas.....	26	D.C.	.....	110	80	.....	24
Perkins, W. A.....	Oil.....	14	D.C.	.....	115	115	.....	50
Lang.....	Oil.....	.....	D.C.	.....	.....	.....	.....	.....

APPENDIX K.—Continued.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year Ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Meters.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
<i>Regina, Sask.—Con.</i>										
Town of Langham.....	Langham.....	Gas.....	50	3	60	2,300		110		100
Lashburn Electric Company.....	Lashburn.....	Oil.....	25	D.C.		110		110		48
Village of Leslie.....	Leslie.....	Gas.....	10	D.C.		115		115		13
Lipton Automobile & Implement Co., Ltd.....	Lipton.....	Oil.....	12	D.C.		110		110		9
W. Johnson & Son.....	Lloydminster.....	Steam.....	170	D.C.		220/110	220	220/110		112
Town of Lumsden.....	Lumsden.....	Oil.....	25	3	60	2,200		110		85
Hastings, W. E.....	Maidstone.....	Oil.....	15	D.C.		110		110		
Maple Creek Light, Power and Milling Co., Ltd.....	Maple Creek.....	Steam.....	325	3	60	2,200		110		220
Town of Melfort.....	Melfort.....	Oil.....	300	3	60	2,200		110		300
Town of Melville.....	Melville.....	Gas.....	230	3	60	2,200	220/110	110	3	395
Townsend, Arthur.....	Milestone.....	Oil.....	30	D.C.		115		115		34
City of Moosejaw.....	Moosejaw.....	Steam.....	8,000	3	60	2,300		110	173	4,463
Town of Morse.....	Morse.....	Gas.....	68	3	60	2,300		110	1	80
Town of Nokomis.....	Nokomis.....	Oil.....	40	D.C.		112		112		74
Corporation of North Battleford.....	North Battleford.....	Steam.....	1,000	3	60	2,300		110	40	785
Town of Outlook.....	Outlook.....	Gas.....	75	3	60	2,200		110		220
Pelly Electric Light & Power Co., Ltd.....	Pelly.....	Oil.....	25	D.C.		115		115		
Thompson, Alex. T.....	Ponteix.....	Oil.....	20	D.C.		110		110	2	
Municipal Electric Light and Power Plant.....	Prince Albert.....	Steam.....	1,520	3	60	2,200	110/550	110	55	1,525
Punnichy Electric Light Co.....	Punnichy.....	Oil.....	15	D.C.		125	125	110		2
Qu'Appelle Electric Light Co.....	Qu'Appelle.....	Gas.....	90	D.C.		440		220		75
Radisson Iron Works.....	Radisson.....			D.C.		120	120	120	1	58
Raymore Electric Light Co.....	Raymore.....	Oil.....	6	D.C.		120		110		16
City of Regina.....	Regina.....	Steam.....	17,574	3	60	2,200	110/2,200	110/220	605	6,467
McCallum Hill Building, Limited.....	Regina.....	Purchased.....	130			220		110		50
Rosetown Electric Lt. and Power Co., Ltd.....	Rosetown.....	Oil.....	75	3	60	2,300	220/110	110		96
Corporation of Rosthern.....	Rosthern.....	Oil.....	80	3	60	2,200		110		170
Town of Rouleau.....	Rouleau.....	Gas.....	172	3	60	2,300		110		160
Town of Saltcoats.....	Saltcoats.....	Gas.....	50	3	60	2,200		110		90
City of Saskatoon.....	Saskatoon.....	Steam.....	8,000	3	60	2,300	110	110	567	6,175
Town of Scott.....	Scott.....	Oil.....	100	3	60	2,200	220	110		60

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Citizens' Electric Light Co., Ltd.....	Semans.....	Oil.....	40	D.C.	110	110	110	51
Shaunavon Light, Power and Milling, Ltd.....	Shaunavan.....	Steam.....	100	3	2,200	2,200	110	92
Strasbourg Municipal Power Plant.....	Strasbourg.....	Gas.....	45	3	2,200	2,200	110	124
City of Swift Current.....	Swift Current.....	Gas.....	1,100	3	4,200	2,200	110	925
Carrot River Valley Mills, Ltd.....	Tisdale.....	Steam.....	100	3	550	550	2,200/110	102
Village of Tompkins.....	Tompkins.....	Oil.....	25	D.C.			115	
Town of Wadena.....	Wadena.....	Gas.....	65	3	2,300	110	110	130
MacDonald W. P. C.....	Wapella.....	Gas.....	25	D.C.	125	125	125	20
Watrous Lighting Company.....	Watrous.....	Gas.....	88	3	2,300		110	130
Green, Hugh A.....	Watson.....	Oil.....	15	D.C.	115	115	115	
Corporation of Weyburn.....	Weyburn.....	Steam.....	1,070	3	2,200	220	110	758
Whitewood Power and Lt. Company..	Whitewood.....	Oil.....	28	D.C.	110		110	20
The town of Wilkie.....	Wilkie.....	Oil.....	100	3	2,200	220	110	175
Municipal Light & Power Plant.....	Wolseley.....	Gas and oil.....	200	3	2,300	110	110	170
City Garage and Machine Shop.....	Woodrow.....	Gas.....	20	D.C.	125		115	4
Town of Yellow Grass.....	Yellow Grass.....	Oil.....	25	D.C.	115		110	87
Town of Yorkton.....	Yorkton.....	Oil.....	465 and 300	3	2,200	550	110	734
Hawe, H. T.....	Craik.....	Oil.....	15	D.C.	110		110	
Rotshtein, N.....	Mossbank.....	Oil.....	15	D.C.	110		110	
International Power Company.....	North Portal.....	Steam.....	125	D.C.	220		220	35
Town of Oxbow.....	Oxbow.....	Oil.....	25	3	2,200	125	125	94
Village of Verwood.....	Verwood.....	Oil.....	15	D.C.	125		125	
Calgary, Alberta--								
Canadian Pacific Railway.....	Bankhead.....	Steam.....	500	3	2,200	110/2,200	110	415
United Electric and Engineering Co... The town of Blairmore.....	Bassano..... Blairmore.....	Water..... Purchased.....	180	3	2,400	220	110/220	130
West Canadian Collieries, Ltd.....	Bellevue.....	Steam.....	735	3	2,200	110	110	312
West Canadian Collieries, Ltd.....	Blairmore.....	Steam.....	267	3	2,300	220	110	36
Bowness Improvement Co.....	Calgary.....				220	220	110	19
Municipal Electric Lt. and Pr. Dept.. Crane Cassidy Electric Co., Ltd.....	Calgary..... Calgary.....	Steam..... Steam.....	12,800 100	3 3	2,400 2,300	2,200	110 110	11 14,450
Weno Power and Light Company.....	Calgary.....	Purchased.....					110	175
Calgary Water Power Co., Ltd.....	Calgary.....	Water and steam.....	3,150	3	2,200	220	110	3
The town of Carston.....	Cardston.....	Steam.....	125	2	2,200	210	105	2,100
The town of Carmangay.....	Carmangay.....	Steam.....	75		240		110	175
Council of town of Coronation.....	Coronation.....	Steam.....	200	3	2,200		110	69
The town of Claresholm.....	Claresholm.....	Gas & Steam.....	110/220	3	2,200	220/2,200	110	120
A.C. D.C. A.C. D.C.								
International Coal & Coke Co., Ltd....	Coleman.....	Steam.....	400	3	2,200/250	2,200/250	250	
Town of Didsbury.....	Didsbury.....	Steam.....	100	3	2,200	220	110	158
Drumheller Power Co., Limited.....	Drumheller.....	Steam.....	730	3	2,300	220	110	27
Town of Gleichen.....	Gleichen.....	Steam.....	75	D.C.	120		110/115	55
A. Lindstram.....	Hanna.....		130	3	2,200		110	189
The town of High River.....	High River.....	Steam.....	160	3	2,300		110	270
The town of Innisfail.....	Innisfail.....	Steam.....	100	3	2,200		110	163
City of Lethbridge.....	Lethbridge.....	Steam.....	1,680		2,200	110/220	110/220	2,515

APPENDIX K.—Continued.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltages.		Number of Meters.		
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.	
Calgary, Alberta—Con.											
Municipality of Town of MacLeod.....	MacLeod.....	Steam.....	600	3	60	2,300	220/2,200	110	452	10	
City of Medicine Hat.....	Medicine Hat.....	Steam.....	4,000	3	60	2,300	2,300/220	110	86	1,225	
The town of Nanton.....	Nanton.....	Gas.....	225		60	2,300		110		150	
Peterson Motor Company, Ltd.....	Oyen.....	Steam.....	30	D.C.		120		120		38	
The Olds Electric Company, Ltd.....	Olds.....	Gas.....	175	3	60	2,200	220 & 110	110		145	
Tiskey & Ayer.....	Okotoks.....	Gas.....	50	3	60	2,400		110		39	
Municipality of town of Pincher Creek	Pincher Creek.....	Steam.....	275	3	60	2,200		110		225	
Knight Sugar Company.....	Raymond.....	Steam.....	125	3	60	2,300	220	110	2	235	
Calgary Power Company, Ltd.....	Seebe.....	Turbine.....	31,600	3	60	12,000	12,000/55,000				
Canada West Coal Co., Limited.....	Taber.....	Steam.....	200	3	60	2,300	220	110	2	165	
Vulcan Electric Light Service.....	Vulcan.....	Steam.....	75	3	60	2,200		110		129	
Edmonton, Alberta—											
The town of Camrose.....	Camrose.....	Steam.....	255	3	60	2,300	220	110	22	393	
The city of Edmonton.....	Edmonton.....	Steam.....	15,000	3	60	2,200	220	110/220	529	13,814	
The Edson Light and Power Co., Ltd.	Edson.....	Steam.....						220/110		90	
Town of Fort Saskatchewan.....	Ft. Saskatchewan	Steam.....	90	2	60	2,200		110		170	
Grande Prairie Electric Co., Ltd.....	Grande Prairie...	Oil.....	80	3	60	2,300	110	110		25	
Hardisty Electric Light Co.....	Hardisty.....	Gas and oil...	50	D.C.		440/220		220		35	
W. J. Howard.....	Lamont.....	Oil.....	25	D.C.		110	110	110		23	
Town of Lacombe.....	Lacombe.....	Steam.....	253	3	60	2,300	220	110	4	300	
The Mountain Park Coal Co.....	Mountain Park...	Steam.....	200	D.C.		250	250	250			
Brazeau Collieries, Ltd.....	Nordegg.....	Steam.....	500	3	60	2,300	220/440	110	2	30	
Jasper Park Collieries, Ltd.....	Pocahontas.....	Steam.....	350	3	60	480	6,600/2,300	110			
Town of Ponoka.....	Ponoka.....	Steam.....	250	D.C.		110/220	220	110		160	
W. Ironfield & S. C. Agnew.....	Provost.....	Oil.....	25					115		10	
Western General Electric Co., Ltd....	Red Deer.....	Steam.....	480	3	60	2,300	220	110	16	492	
Bearisto, Oakes & Purvis.....	Sedgewood.....	Oil.....	8	D.C.		110		110		4	
Corporation of town of Stettler.....	Stettler.....	Steam.....	246	3		2,300	220	110	10	234	
Corporation of town of Vegreville.....	Vegreville.....	Steam.....	210	3	60	2,250	220	110	10	241	
Corporation of town of Vermilion.....	Vermilion.....	Steam.....	75	3	60	2,200	110/220	110	6	261	
Wainwright Light and Power Co., Ltd	Wainwright.....	Steam.....	50	3		2,300	110	110	1	122	
Corporation of City of Wetaskiwin....	Wetaskiwin.....	Gas and steam..	740	2	60	2,300	220	110	15	475	

APPENDIX K.—Concluded.

List of Electric Light and Power Companies Registered under the Provisions of the Electricity Inspection Act, during the Fiscal Year ended March 31, 1920.

District and Company.	Address.	Prime Mover.		Phases of System.	Frequency of System.	Generator Voltage.	Service Voltage.		Number of Meters.	
		Type.	Horse Power.				Power.	Lighting.	Power.	Lighting.
<i>Vancouver, B.C.—Con.</i>										
Spencer's Bridge Water & Light Co....	Spencer's Bridge..	Water.....	.....	3	60	2,300	.....	110	.....	.....
Pacific Great Eastern Railway Co....	Squamish.....	Water.....	250	3	60	4,800	220	115	2	49
Corporation of District of Summerland.....	West Summerland	Water.....	50	3	60	2,200	220	110	1	210
British Columbia Electric Railway Co.....	Vancouver.....	Steam.....	18,000	3	60	2,200	220/2200	110	2,077	46,989
Western Power Company of Canada, Ltd.....	Vancouver.....	Water.....	39,000	3	60	4,400	60,000/220	115	.....	1,563
Vancouver Power Company.....	Vancouver.....	Water.....	84,000	3	60	2,200	.....	.....	.....	.....
Corporation of city of Vernon.....	Vernon.....	Oil.....	725	3	60	2,200	220	110	27	853
<i>Victoria, B.C.—</i>										
Corporation of city of Alberni.....	Alberni.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	98
City of Courtenay.....	Courtenay.....	Purchased.....	.....	1	.....	2,300	110	110	32	72
Cumberland Electric Lighting Co., Ltd.....	Cumberland.....	Purchased.....	.....	.....	.....	.....	110/220	110	.....	607
Corporation of city of Duncan.....	Duncan.....	Oil.....	2/100	3	.....	2,200	220/110	110	6	240
Canadian Explosives, Limited.....	James Island.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	56
Corporation of Ladysmith.....	Ladysmith.....	Steam.....	160	3	60	2,200	110	110	.....	500
Nanaimo Elec. Light, Power & Heating Co., Ltd.....	Nanaimo.....	Water & Steam.	900	3	60	2,200	220/2,200	110	20	2,004
Corporation of city of Port Alberni....	Port Alberni.....	Oil.....	150	3	60	2,300	110	110	.....	200
Victoria Electric Company.....	Victoria.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	25
Vancouver Island Power Company, Ltd. (Brentwood).....	Victoria.....	Steam.....	6,000	3	60	2,300	.....	.....	.....	.....
Vancouver Island Power Company, Ltd. (Jordan River).....	Victoria.....	Water.....	25,500	3	60	2,300	.....	.....	.....	.....
B.C. Electric Railway Company, Ltd	Victoria.....	Water.....	2,300	3	60	700	2,200/500	110	459	14,606
Canadian Collieries (Dunsmuir) Ltd.	Victoria.....	Water.....	10,000	3	25	13,200	2,200/440	110	2	158
Pemberton Building.....	Victoria.....	Purchased.....	.....	.....	.....	.....	550/220	.....	.....	.....
J. A. Sayward.....	Victoria.....	Purchased.....	.....	.....	.....	.....	.....	110	6	14
The Uplands, Limited.....	Victoria.....	Purchased.....	.....	.....	.....	220	.....	.....	3	14
B.C. Cement Company, Limited.....	Victoria.....	Purchased.....	.....	.....	.....	.....	.....	110	.....	15

